Name: _____

Multiplying Fractions - Cross Cancellation

L1S1

Find the product.

1) $\frac{9}{10} \times \frac{2}{3}$

2) $\frac{12}{8} \times \frac{18}{16}$

3) $\frac{33}{7} \times \frac{14}{21}$

4) $\frac{6}{18} \times \frac{9}{42}$

5) $\frac{22}{15} \times \frac{45}{4}$

6) $\frac{3}{28} \times \frac{35}{6}$

7) $\frac{2}{7} \times \frac{35}{12}$

8) $\frac{16}{15} \times \frac{21}{24}$

Name: _____

Multiplying Fractions - Cross Cancellation

L1S2

Find the product.

1) $\frac{4}{9} \times \frac{27}{20}$

2) $\frac{11}{12} \times \frac{26}{55}$

3) $\frac{7}{6} \times \frac{2}{3}$

4) $\frac{21}{8} \times \frac{20}{9}$

5) $\frac{7}{3} \times \frac{27}{4}$

6) $\frac{9}{20} \times \frac{15}{12}$

7) $\frac{5}{12} \times \frac{6}{25}$

8) $\frac{30}{9} \times \frac{10}{12}$

Name: _____

Multiplying Fractions - Cross Cancellation

L1S3

Find the product.

1) $\frac{3}{10} \times \frac{4}{5}$

2) $\frac{10}{7} \times \frac{28}{15}$

3) $\frac{7}{3} \times \frac{12}{14}$

4) $\frac{3}{4} \times \frac{28}{18}$

5) $\frac{14}{9} \times \frac{8}{28}$

6) $\frac{44}{18} \times \frac{36}{11}$

7) $\frac{6}{13} \times \frac{26}{24}$

8) $\frac{7}{35} \times \frac{10}{21}$

Name : _____

Ratio: Drawing Activity

1) Draw circles and triangles in the ratio 2 : 5.

_____

2) Draw hearts and squares in the ratio 7 : 3.

_____

3) Draw stars and pentagons in the ratio 4 : 2.

_____

4) Draw ovals and rectangles in the ratio 6 : 7.

_____

5) Draw hexagons and circles in the ratio 8 : 4.

_____

6) Draw diamonds and ovals in the ratio 5 : 3.

_____

7) Draw parallelograms and stars in the ratio 3 : 6.

_____

Name : _____

Ratio: Drawing Activity

1) Draw stars and hexagons in the ratio 5 : 4.

_____

2) Draw rectangles and hearts in the ratio 6 : 2.

_____

3) Draw squares and stars in the ratio 4 : 6.

_____

4) Draw circles and parallelograms in the ratio 7 : 2.

_____

5) Draw ovals and pentagons in the ratio 9 : 3.

_____

6) Draw rectangles and rhombuses in the ratio 6 : 5.

_____

7) Draw hearts and triangles in the ratio 1 : 8.

_____

Name : _____

Ratio: Drawing Activity

Sheet 3

1) Draw ovals and diamonds in the ratio 9 : 4.

2) Draw parallelograms and hexagons in the ratio 3 : 5.

3) Draw rectangles and squares in the ratio 7 : 1.

4) Draw pentagons and hearts in the ratio 5 : 2.

5) Draw stars and triangles in the ratio 2 : 8.

6) Draw squares and circles in the ratio 6 : 3.

7) Draw hearts and stars in the ratio 7 : 4.

Name : _____

Division

Sheet 1

1) 343 | 7, 0 3 9

2) 87 | 3, 7 4 7

3) 124 | 9, 5 4 8

4) 16 | 6, 7 8 2

5) 604 | 8, 4 5 6

6) 231 | 1, 6 3 4

7) 512 | 4, 5 1 3

8) 710 | 5, 3 0 1

9) 45 | 2, 6 5 5

Name : _____

Division

Sheet 2

1) $62 \overline{)\,4,\ 5\ 8\ 8}$

2) $430 \overline{)\,8,\ 2\ 4\ 5}$

3) $713 \overline{)\,5,\ 7\ 3\ 0}$

4) $275 \overline{)\,3,\ 5\ 7\ 9}$

5) $91 \overline{)\,2,\ 8\ 2\ 1}$

6) $330 \overline{)\,9,\ 5\ 5\ 4}$

7) $23 \overline{)\,7,\ 1\ 0\ 7}$

8) $547 \overline{)\,6,\ 2\ 6\ 3}$

9) $76 \overline{)\,1,\ 0\ 9\ 2}$

Name : _____

Division

Sheet 3

1) 142 | 2, 4 2 1

2) 31 | 1, 3 3 3

3) 820 | 7, 6 9 4

4) 54 | 4, 7 0 9

5) 427 | 5, 6 8 7

6) 73 | 8, 1 7 6

7) 902 | 6, 0 5 8

8) 26 | 3, 4 3 2

9) 621 | 9, 0 2 5

Name : _____

Ratio: Dividing into Parts

Find the share of each part.

1) Divide $50 in the ratio 2 : 3.

_____

2) Divide 81 ft in the ratio 5 : 4.

_____

3) Divide 105 lb in the ratio 8 : 7.

_____

4) Divide 49 yd in the ratio 1 : 6.

_____

5) Divide 72 oz in the ratio 4 : 5.

_____

6) Divide 121 mi in the ratio 9 : 2.

_____

7) Jace gave $100 to her daughter Kailey and asked her to spend three parts and save two parts of the total amount. How much did Kailey spend and how much did she save?

_____

Name : _____

Ratio: Dividing into Parts

Find the share of each part.

1) Divide 169 mi in the ratio 5 : 8.

_____

2) Divide 77 lb in the ratio 9 : 2.

_____

3) Divide 90 oz in the ratio 7 : 2.

_____

4) Divide $14 in the ratio 2 : 5.

_____

5) Divide 36 ft in the ratio 3 : 6.

_____

6) Divide 25 yd in the ratio 4 : 1.

_____

7) The ages of Andrea and Emma are in the ratio 1 : 7. If the sum of their ages is 80, what would be Andrea's age and Emma's age?

_____

Name : _____

Ratio: Dividing into Parts

Sheet 3

Find the share of each part.

1) Divide 45 ¢ in the ratio 6 : 3.

_____

2) Divide 156 mi in the ratio 4 : 8.

_____

3) Divide 28 ft in the ratio 8 : 6.

_____

4) Divide 88 lb in the ratio 7 : 4.

_____

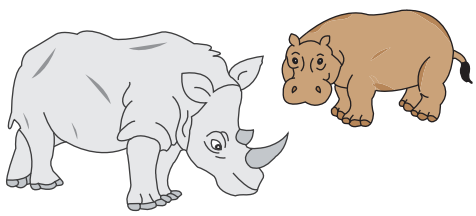
5) Divide 100 yd in the ratio 1 : 9.

_____

6) Divide 63 oz in the ratio 5 : 2.

_____

7) The total weight of a white rhino calf and a common hippo calf is 213 pounds. If the weight of white rhino calf to the weight of common hippo calf is in the ratio 2 : 1, find the weight of white rhino calf and the weight of common hippo calf?



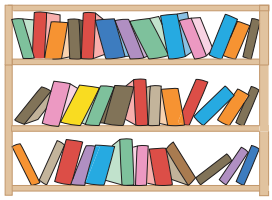
_____

Name : _____

Division

4-digit/ 5-digit by 1-digit: S1

1) The Hogwarts library has 15,852 reference books arranged in 6 racks equally. How many books does each rack hold?

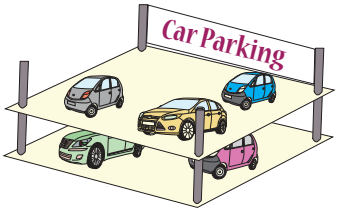


_____

2) Jeremy withdrew $1,000 from his account. On his way home, he stopped at the local grocer's shop and exchanged the $1,000 bill for $5 bills. How many five dollar bills did Jeremy receive from the grocer?

_____

3) The E.T. parking facility at Universal Studios, Hollywood can accomodate up to 5,000 vehicles at a time. If the parking structure is 8 levels tall, how many vehicles can be parked on each level?

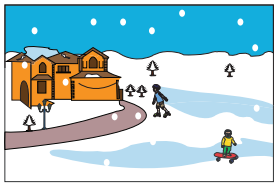


_____

4) Gina is employed by the Wilsons as a full-time babysitter. If she earns a total of $2,296 a month, how much will she earn in a week?

_____

5) A ski resort is spread over 5,288 acres. The resort is split equally into 4 key areas. How many acres will each key area comprise of?



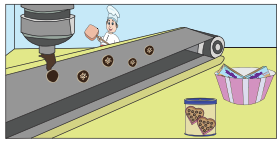
_____

Name : _____

Division

4-digit/ 5-digit by 1-digit: S2

1) Five making lines in a chocolate factory can churn out 10,000 tons of liquid chocolate in a year. How many tons of liquid chocolate can one making line in the chocolate factory produce in a year?

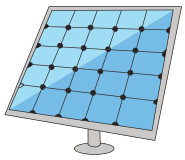


_____

2) The Disney's All-Star Movies Resort at Orlando, FL has a total of 1,920 rooms spread over four floors. How many rooms does each floor have?

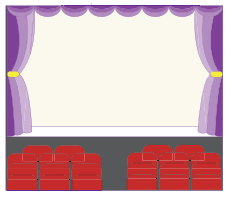
_____

3) Heather installed solar panels in her home. The total consumption of electricity in the month of June 2016 was 1,200 kWh. Calculate the average consumption of electricity per week for the month of June.



_____

4) The Big Bang Theater has a total seating capacity of 2,160 equally spread over 9 screens. How many seats can each screen accomodate?



_____

5) Mike, John, and Ryan collectively spent $93,381 on their international holiday. They decide to split the expenses equally. What is the amount each person should contribute for a fair sharing of costs?

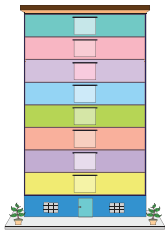
_____

Name : _____

Division

4-digit/ 5-digit by 1-digit: S3

1) Nina and Betty rented an apartment near Downtown Los Angeles. If they paid $11,460 towards rent for the first quarter, how much are they charged for each month by the landlord?



_____

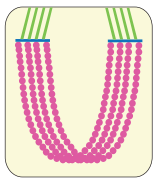
2) A ranch in Texas has a total of 1,266 horses. If they are sheltered equally in 6 barns, how many horses are housed in one barn?

_____

3) An orchard yields 1,463 apples in August 2016. They are packed into 7 boxes and delivered to a nearby supermarket. How many apples does each box contain?

_____

4) Anne uses 1,008 beads to make stranded necklaces for 9 of her friends. How many beads did Anne use for each necklace she made?



_____

5) A courier company delivers 1,456 packages in 8 days. If they delivered equal number of packages on all days, how many packages were delivered each day?

_____

Name : _____ Score : _____

Stem-and-Leaf Plot

Sheet 1

1) The data for the production of number of components at an industry for three weeks are given below. Make a stem-and-leaf plot.

56, 22, 45, 24, 13, 39, 15, 34, 26, 45, 51, 18, 38, 26, 55

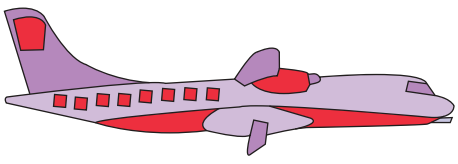
Stem	Leaf

Key : 5|5 = _____

2) The data for air traffic in ten days at a busy airport is recorded as follows. Make a stem-and-leaf plot for the given data.

293, 287, 309, 306, 295, 288, 285, 294, 306, 281

Stem	Leaf



Key : 29|5 = _____

Name : _____ Score : _____

Stem-and-Leaf Plot

Sheet 2

1) The duration of ten marketing calls (in seconds) made by Jim from his office to various customers are recorded below. Make a stem-and-leaf plot.

334, 310, 321, 312, 335, 326, 344, 329, 344, 346

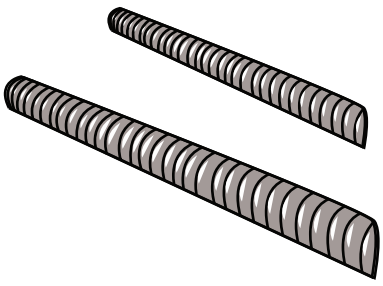
Stem	Leaf

Key : 31|0 = _____

2) The data for steel rods (in tonnes) required for the construction of fifteen eight-storey flats are listed below. Make a stem-and-leaf plot.

93, 82, 74, 87, 89, 62, 65, 73, 85, 80, 76, 94, 79, 69, 73

Stem	Leaf



Key : 9|3 = _____

Name : _____ Score : _____

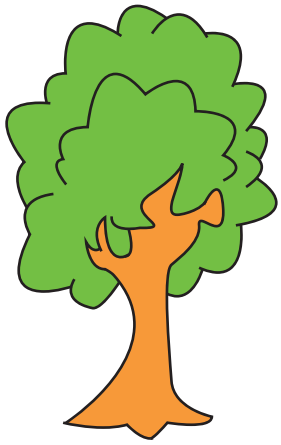
Stem-and-Leaf Plot

Sheet 3

1) Maria's backyard has a lot of trees. The ages of trees in years are given below. Make a stem-and-leaf plot.

6.7, 7.1, 5.3, 4.7, 7.8, 5.7, 4.2, 6.2, 5.9, 5.4, 7.5, 4.6, 7.9, 6.1, 4.7

Stem	Leaf

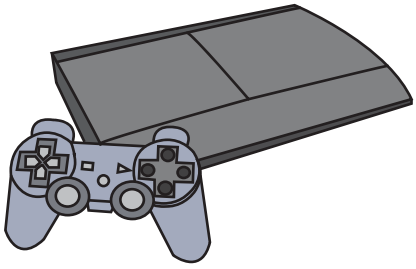


Key : 7|5 = _____

2) Mark and his friends played a car race on his new gaming console. The time (in seconds) required for them to cover 10 laps are recorded below. Make a stem-and-leaf plot of the data.

705, 720, 711, 714, 725, 708, 713, 707, 716, 722, 706, 716

Stem	Leaf



Key : 70|8 = _____

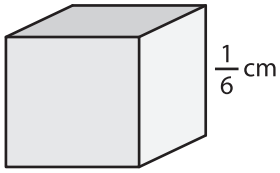
Name : _____

Volume - Cube

Sheet 1

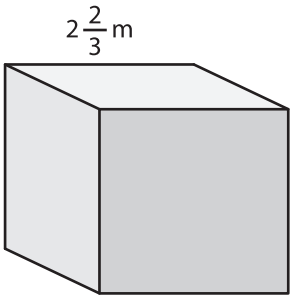
A) Find the volume of each cube.

1)



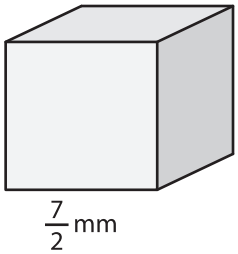
Volume = _____

2)



Volume = _____

3)



Volume = _____

B) Find the volume of each cube from the given side length.

4) side length = $\frac{4}{9}$ cm

Volume = _____

5) side length = $\frac{6}{5}$ m

Volume = _____

6) side length = $\frac{5}{7}$ mm

Volume = _____

7) side length = $1\frac{1}{8}$ cm

Volume = _____

8) If a side of an ice cube measures $2\frac{2}{3}$ cm, what is the total volume of 27 such ice cubes?

_____

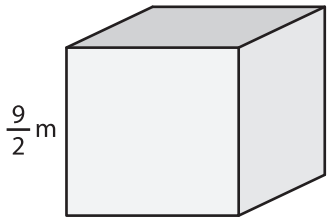
Name : _____

Volume - Cube

Sheet 2

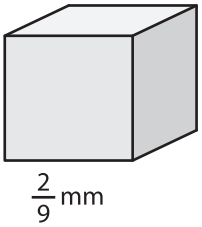
A) Find the volume of each cube.

1)



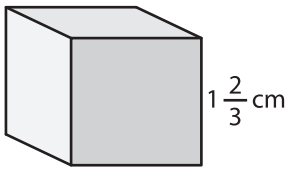
Volume = _____

2)



Volume = _____

3)



Volume = _____

B) Find the volume of each cube from the given side length.

4) side length = $1\frac{1}{4}$ m

Volume = _____

5) side length = $\frac{3}{5}$ mm

Volume = _____

6) side length = $\frac{7}{6}$ cm

Volume = _____

7) side length = $\frac{5}{8}$ m

Volume = _____

8) How much space does a $\frac{1}{4}$-m cubical gift box have?

_____

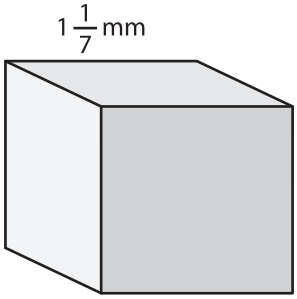
Name : _____

Volume - Cube

Sheet 3

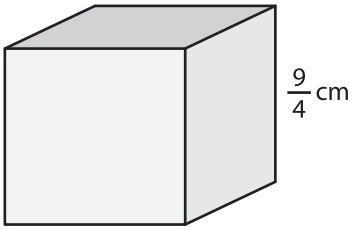
A) Find the volume of each cube.

1)



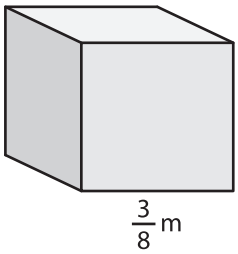
Volume = _____

2)



Volume = _____

3)



Volume = _____

B) Find the volume of each cube from the given side length.

4) side length = $\frac{5}{6}$ mm

Volume = _____

5) side length = $\frac{1}{9}$ cm

Volume = _____

6) side length = $2\frac{1}{3}$ m

Volume = _____

7) side length = $\frac{9}{5}$ mm

Volume = _____

8) Shawn pieces a large cube together from 25 metal cubes. The side length of each metal cube is $\frac{3}{2}$ cm. Find the volume of the large cube thus formed.

_____

Name : _____

Perimeter of a Rectangle

T2S1

A) Find the perimeter of each rectangle for the given measurements.

1) length = 4.3 m, width = 2.1 m

Perimeter = _____

2) width = 10.7 cm, length = 12.8 cm

Perimeter = _____

3) width = 1.5 mm, length = 2.7 mm

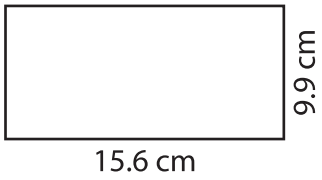
Perimeter = _____

4) length = 8.9 m, width = 5.2 m

Perimeter = _____

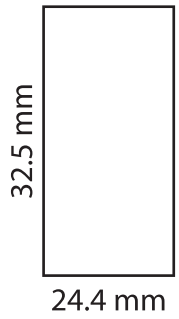
B) Find the perimeter of each rectangle.

5)



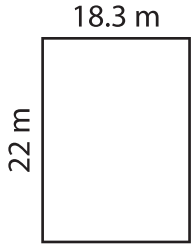
Perimeter = _____

6)



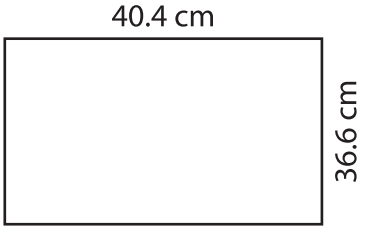
Perimeter = _____

7)



Perimeter = _____

8)



Perimeter = _____

9) The length and the width of a rectangle are 16.1 mm and 7 mm respectively. Determine the perimeter of the rectangle.

_____

Name : _____

Perimeter of a Rectangle

T2S2

A) Find the perimeter of each rectangle for the given measurements.

1) width = 12.7 cm, length = 35.8 cm

Perimeter = _____

2) length = 6.4 mm, width = 5 mm

Perimeter = _____

3) length = 24.3 m, width = 21.8 m

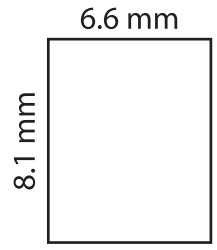
Perimeter = _____

4) width = 4.1 cm, length = 17.7 cm

Perimeter = _____

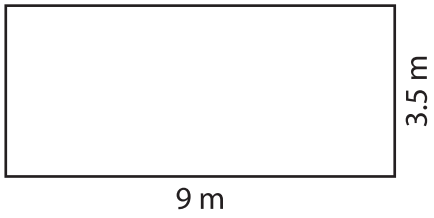
B) Find the perimeter of each rectangle.

5)



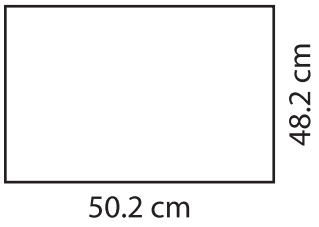
Perimeter = _____

6)



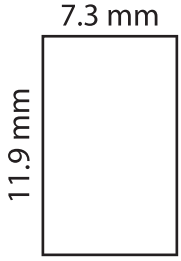
Perimeter = _____

7)



Perimeter = _____

8)



Perimeter = _____

9) A rectangle has a length of 33.6 m and a width of 28.4 m. What is the perimeter of the rectangle?

_____

Name : _____

Perimeter of a Rectangle

T2S3

A) Find the perimeter of each rectangle for the given measurements.

1) length = 13.4 mm, width = 9.6 mm

Perimeter = _____

2) width = 2.7 m, length = 3.2 m

Perimeter = _____

3) length = 36.5 cm, width = 29.5 cm

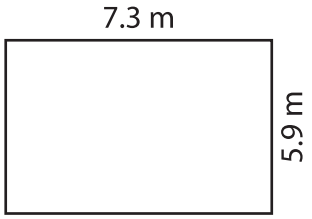
Perimeter = _____

4) width = 60 mm, length = 78.7 mm

Perimeter = _____

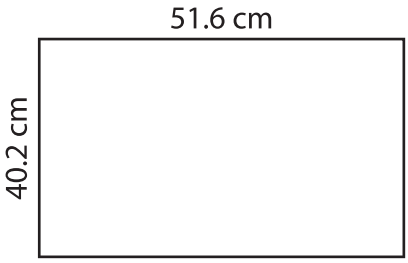
B) Find the perimeter of each rectangle.

5)



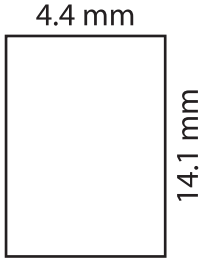
Perimeter = _____

6)



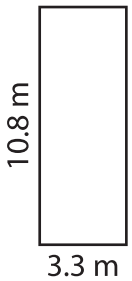
Perimeter = _____

7)



Perimeter = _____

8)



Perimeter = _____

9) The width and the length of a rectangle are 1.1 cm and 2 cm respectively. Find the perimeter of the rectangle.

_____

Name : _____

Perimeter of a Rectangle

T2S4

A) Find the perimeter of each rectangle for the given measurements.

1) width = 30 m, length = 43.5 m

Perimeter = _____

2) length = 10.4 mm, width = 8.3 mm

Perimeter = _____

3) width = 4.8 cm, length = 7.2 cm

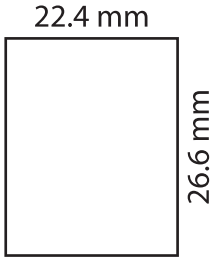
Perimeter = _____

4) length = 34.1 m, width = 25.5 m

Perimeter = _____

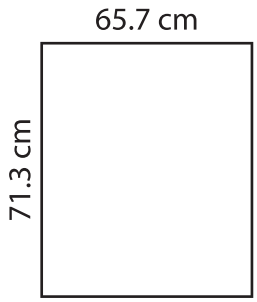
B) Find the perimeter of each rectangle.

5)



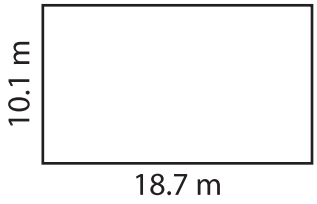
Perimeter = _____

6)



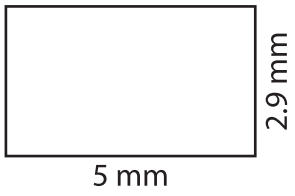
Perimeter = _____

7)



Perimeter = _____

8)



Perimeter = _____

9) What is the perimeter of the rectangle, if its width and length are 47.2 cm and 53.5 cm respectively?

_____

Name : _____

Perimeter of a Rectangle

T2S5

A) Find the perimeter of each rectangle for the given measurements.

1) length = 8.7 mm, width = 3.1 mm

Perimeter = _____

2) length = 78.1 cm, width = 67.3 cm

Perimeter = _____

3) width = 7.7 m, length = 16 m

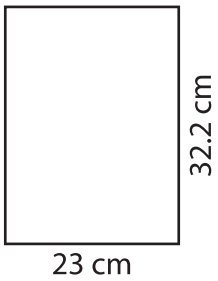
Perimeter = _____

4) width = 6.2 mm, length = 9.3 mm

Perimeter = _____

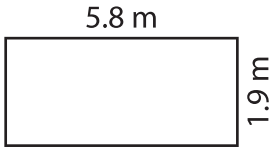
B) Find the perimeter of each rectangle.

5)



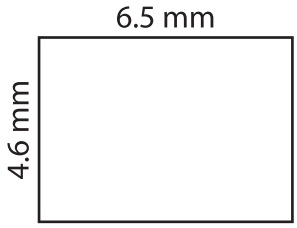
Perimeter = _____

6)



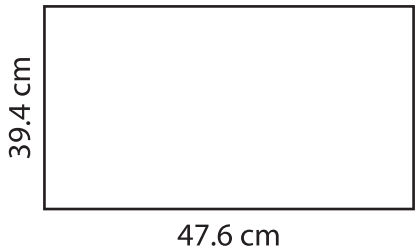
Perimeter = _____

7)



Perimeter = _____

8)



Perimeter = _____

9) Find the perimeter of the rectangle whose length is 63 m and width is 54.5 m.

_____

Name : _____

Plotting Points

All quadrants: S1

A) Plot each point on the coordinate grid.

1) D(-2, 3)

2) H(-1, -5)

3) K(2, 2)

4) U(2, 4)

5) E(-1, -1)

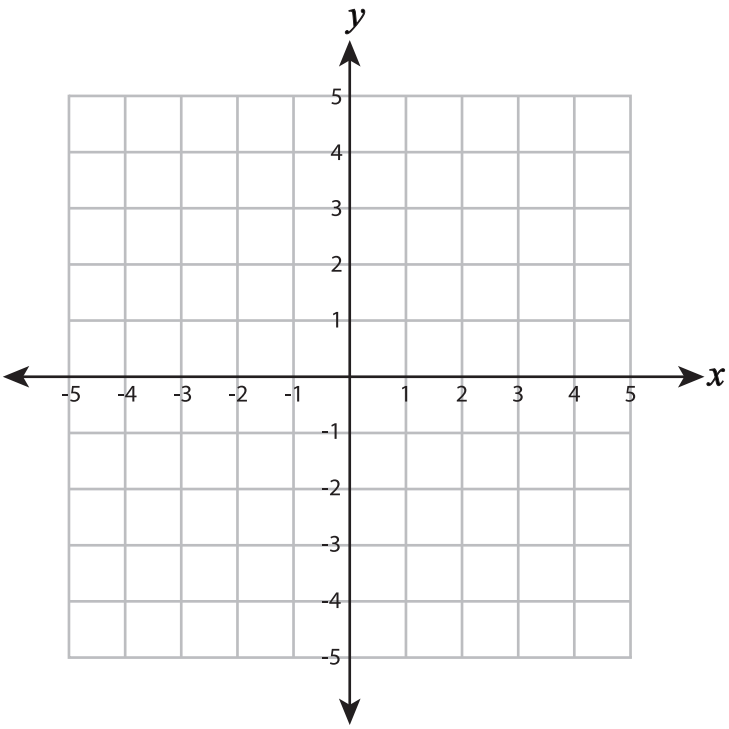
6) L(-3, 5)

7) P(0, 5)

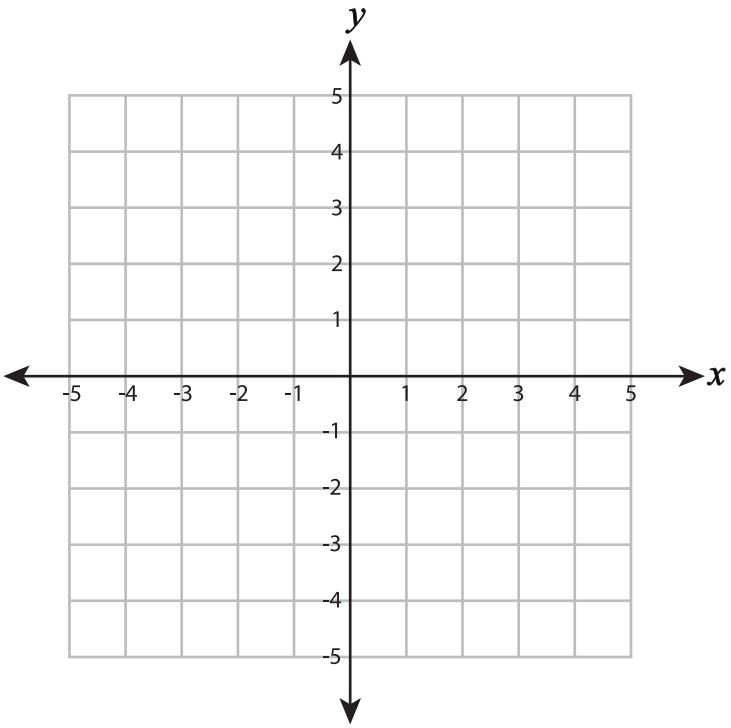
8) A(-3, -4)

9) C(1, 4)

10) G(-1, 0)



B) Draw each shape on the coordinate grid.



11) Draw ○ at (5, 0)

12) Draw ☆ at (-4, 5)

13) Draw ▭ at (-1, -3)

14) Draw △ at (0, 5)

15) Draw □ at (4, -4)

Name : _____

Plotting Points

All quadrants: S2

A) Plot each point on the coordinate grid.

1) J(1, 3)

2) L(-5, 1)

3) F(-4, -1)

4) Y(3, 1)

5) T(5, 5)

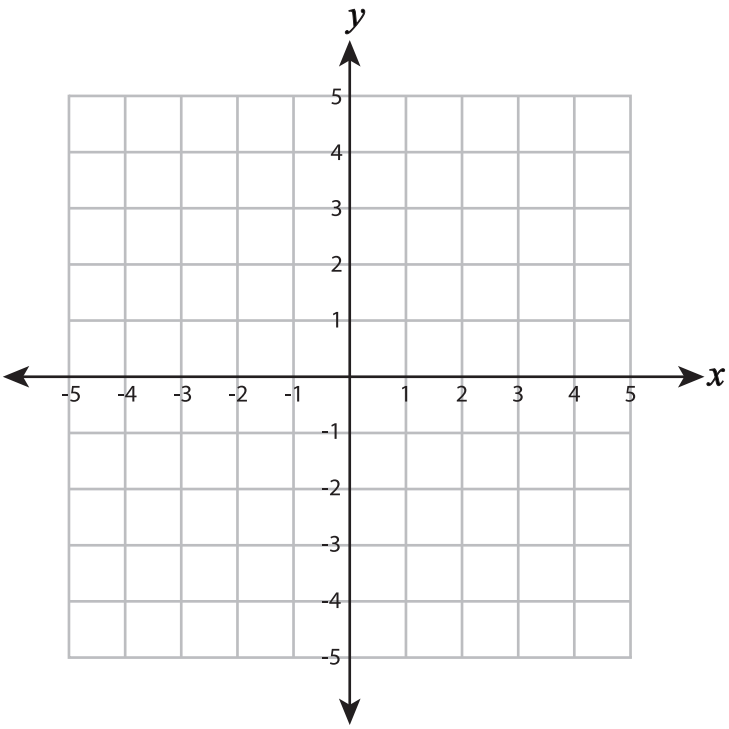
6) E(-4, 0)

7) Q(-1, 4)

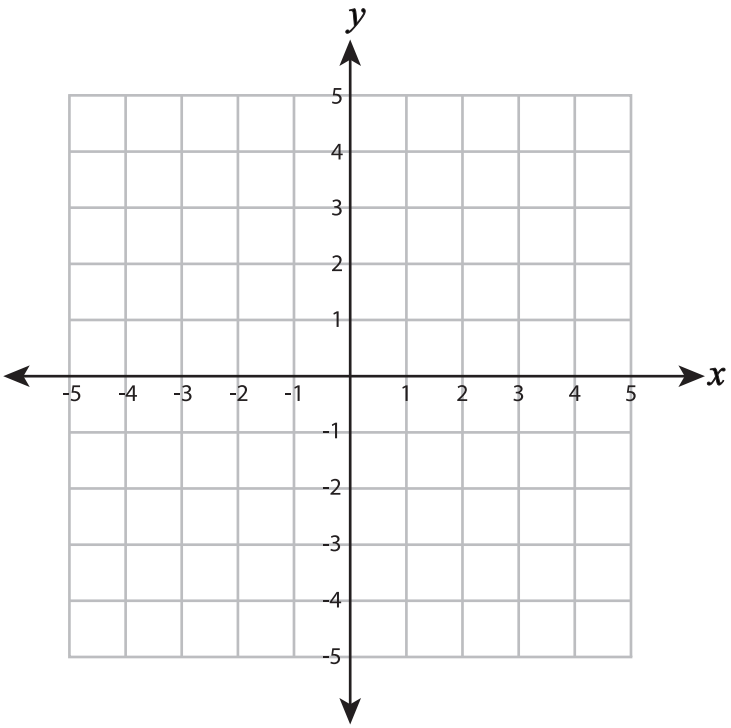
8) X(-5, -3)

9) Z(2, -3)

10) H(-4, 2)



B) Draw each shape on the coordinate grid.



11) Draw ○ at (4, 3)

12) Draw ☆ at (1, -5)

13) Draw ▭ at (-4, -5)

14) Draw △ at (5, -4)

15) Draw □ at (0, -2)

Name : _____

Plotting Points

All quadrants: S3

A) Plot each point on the coordinate grid.

1) P(-4, 1)

2) E(5, 2)

3) R(-2, -5)

4) I(1, -3)

5) M(-4, 4)

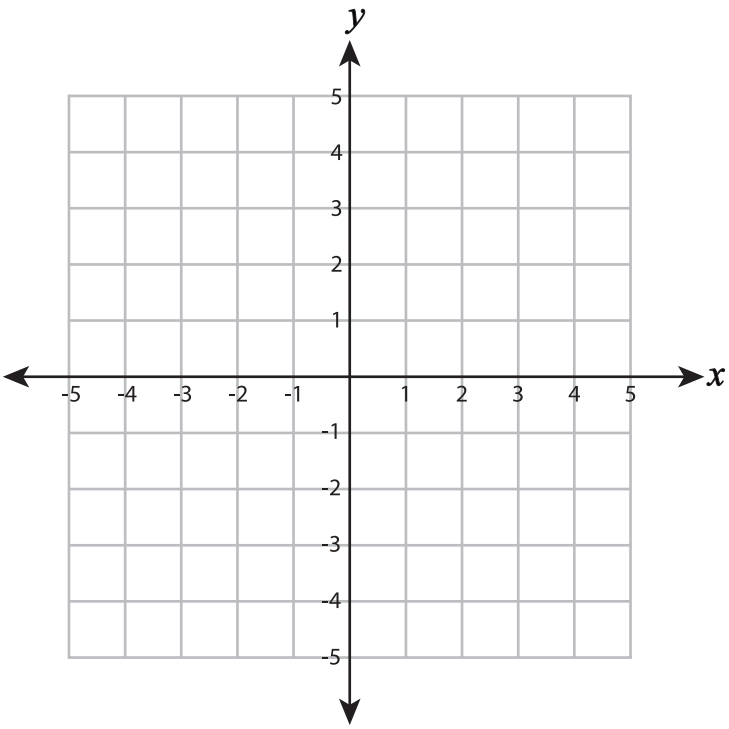
6) D(0, -1)

7) H(-2, 5)

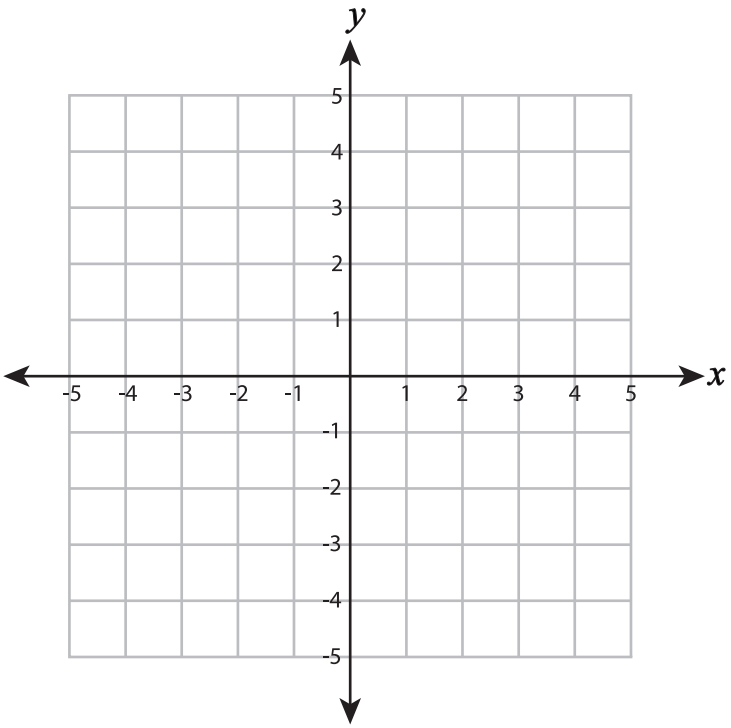
8) G(-4, -3)

9) L(3, -3)

10) X(2, 2)



B) Draw each shape on the coordinate grid.



11) Draw ○ at (3, -4)

12) Draw ☆ at (-5, 5)

13) Draw ▭ at (3, 0)

14) Draw △ at (-1, -4)

15) Draw □ at (4, 4)

Name : _____

Plotting Points

All quadrants: S4

A) Plot each point on the coordinate grid.

1) G(4, -5)

2) L(0, -3)

3) X(-2, 5)

4) R(3, -4)

5) P(1, 2)

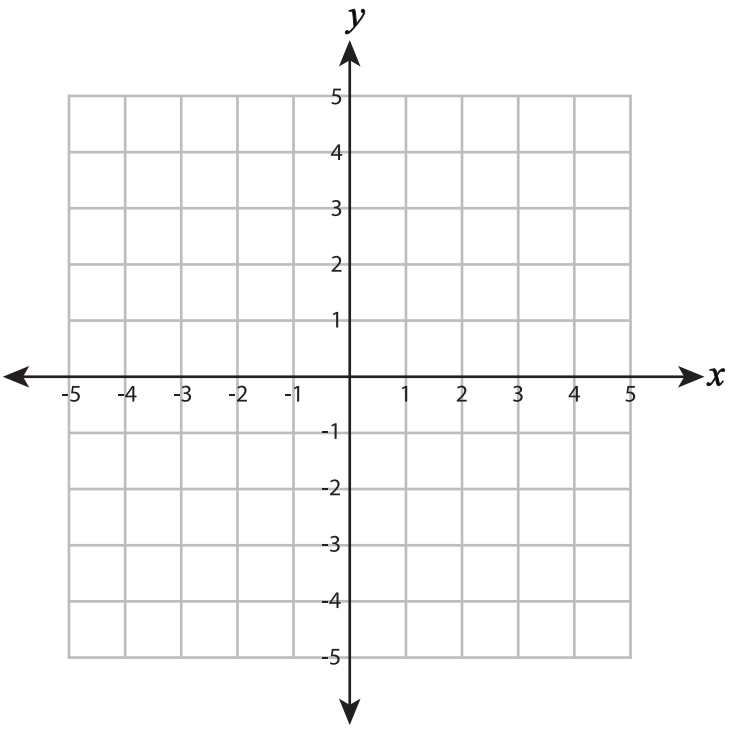
6) D(-2, -3)

7) E(-4, 3)

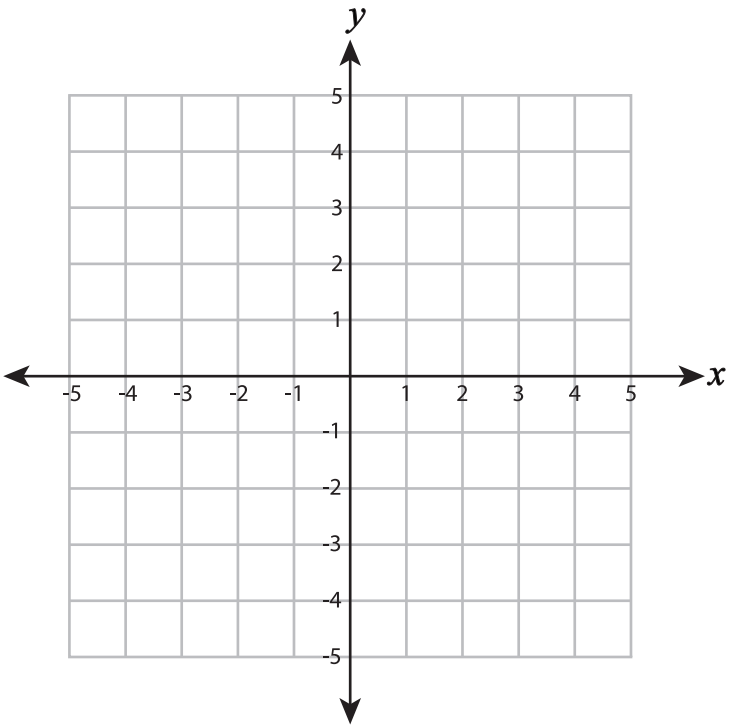
8) M(4, 2)

9) H(2, 4)

10) I(-4, -1)



B) Draw each shape on the coordinate grid.



11) Draw ○ at (-1, 3)

12) Draw ☆ at (-3, -2)

13) Draw ▭ at (0, 1)

14) Draw △ at (3, 2)

15) Draw □ at (2, -2)

Name : _____

Plotting Points

All quadrants: S5

A) Plot each point on the coordinate grid.

1) A(-3, 2)

2) C(4, 5)

3) G(-2, 4)

4) K(3, 4)

5) D(-2, -3)

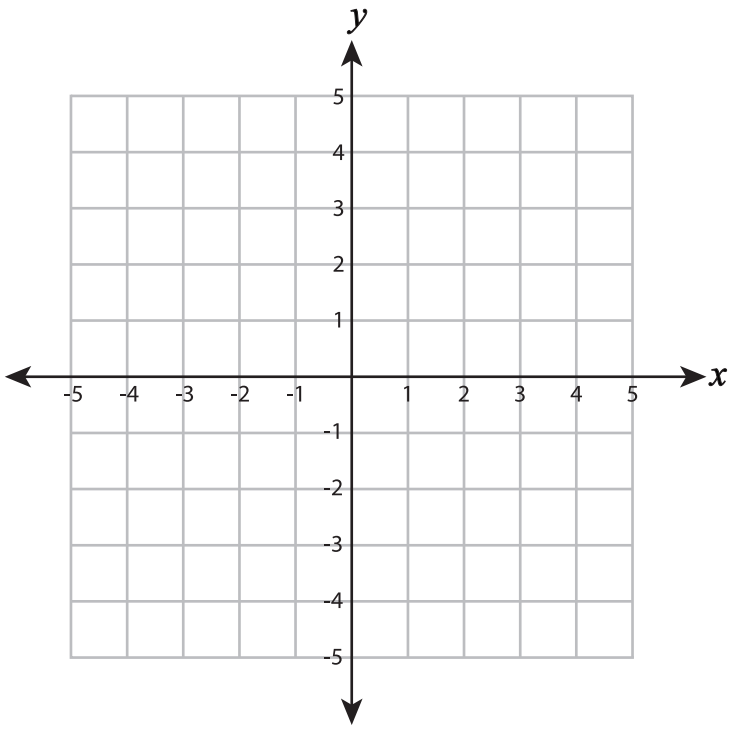
6) H(4, -3)

7) U(1, 3)

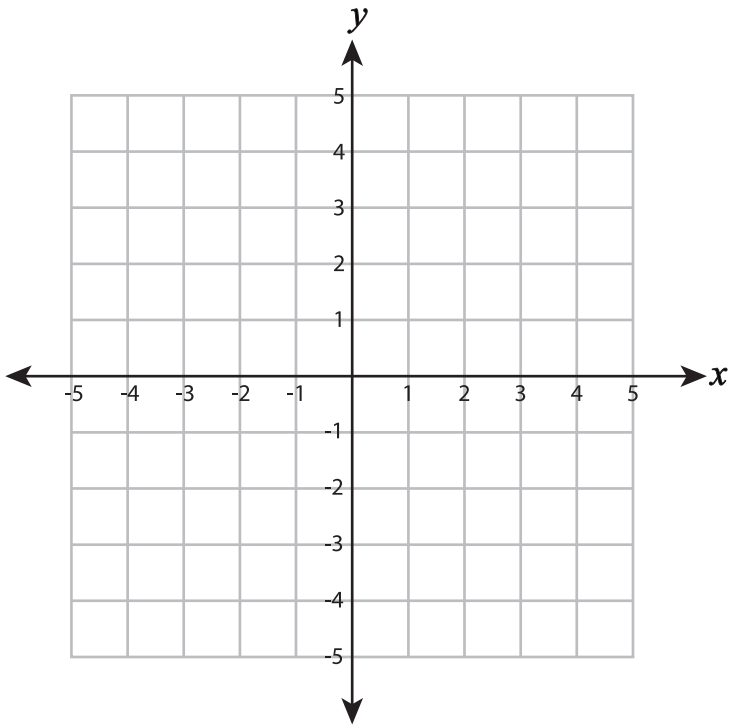
8) E(-2, 1)

9) L(-4, -2)

10) P(3, -2)



B) Draw each shape on the coordinate grid.



11) Draw ○ at (-3, -4)

12) Draw ☆ at (3, -2)

13) Draw ▭ at (4, 3)

14) Draw △ at (2, -5)

15) Draw □ at (-2, 2)

Name : _____ Score : _____

Solving One-Step Inequalities

ES1

Solve each inequality.

1) $x + 5 < 6$

2) $9x \geq 3$

3) $x - 2 > 4$

4) $\frac{x}{9} \leq 1$

5) $10 + x > 17$

6) $8x < 6$

7) $x - 10 \geq 2$

8) $\frac{x}{4} < 5$

9) $x + 11 \leq 16$

10) $9x > 12$

11) $x - 15 \leq 1$

12) $\frac{x}{3} \geq 7$

Name : _____ Score : _____

Solving One-Step Inequalities

ES2

Solve each inequality.

1) $x - 9 \geq 8$

2) $\frac{x}{5} < 2$

3) $x + 11 > 15$

4) $4x \leq 10$

5) $x - 7 > 13$

6) $\frac{x}{3} < 6$

7) $16 + x \geq 18$

8) $8x < 12$

9) $x - 2 \leq 5$

10) $\frac{x}{4} > 3$

11) $x + 3 \leq 16$

12) $6x < 14$

Name : _____ Score : _____

Solving One-Step Inequalities

ES3

Solve each inequality.

1) $\frac{x}{3} \leq 4$

2) $x - 1 > 5$

3) $6x \leq 10$

4) $x + 8 < 11$

5) $\frac{x}{2} \geq 7$

6) $x - 3 > 12$

7) $14x \leq 2$

8) $9 + x < 16$

9) $\frac{x}{5} \geq 1$

10) $x - 4 > 6$

11) $18x \leq 3$

12) $x + 7 < 15$

Name : _____ Score : _____

Solving One-Step Inequalities

ES4

Solve each inequality.

1) $6x < 15$

2) $x + 1 \geq 10$

3) $x - 6 \leq 1$

4) $x - 8 \geq 2$

5) $\frac{x}{4} < 4$

6) $7 + x \leq 11$

7) $x + 13 > 19$

8) $2x > 8$

9) $\frac{x}{9} \geq 2$

10) $\frac{x}{6} \leq 3$

11) $x - 12 < 7$

12) $10x \geq 18$

Name : _____ Score : _____

Solving One-Step Inequalities

ES5

Solve each inequality.

1) $18 + x \geq 20$

2) $x - 5 \leq 3$

3) $\frac{x}{2} \geq 4$

4) $x - 7 < 15$

5) $3x > 9$

6) $x + 5 < 13$

7) $\frac{x}{7} > 2$

8) $x + 15 \leq 18$

9) $8x \geq 14$

10) $12x \leq 20$

11) $\frac{x}{8} \leq 1$

12) $x - 19 \geq 2$

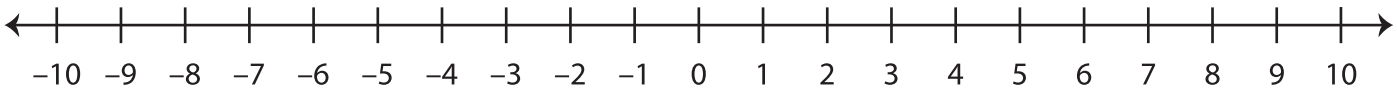
Name : _____ Score : _____

Number Line - Integers

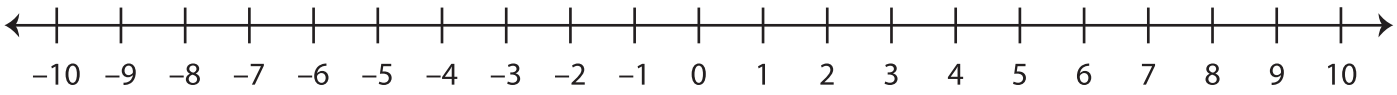
ES1

A) Mark the integers on the number line.

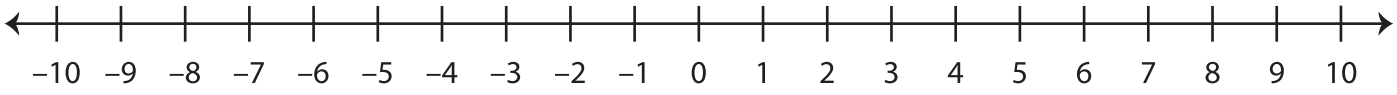
1) a) –2 b) 7 c) –5 d) 1



2) a) 9 b) –4 c) 3 d) –8



B) Answer the questions using the number line below.



1) 2 units to the left of 3 is _____

2) 6 units to the right of –1 is _____

3) 4 units to the left of –4 is _____

4) 3 units to the right of 7 is _____

5) 1 unit to the left of 10 is _____

6) 5 units to the right of –6 is _____

7) 8 units to the left of 5 is _____

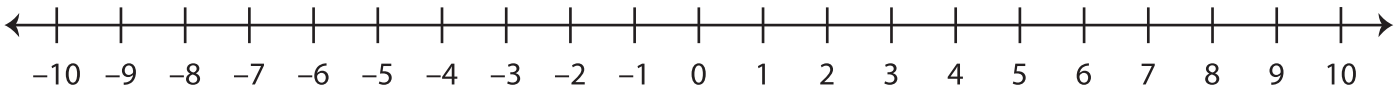
Name : _____ Score : _____

Number Line - Integers

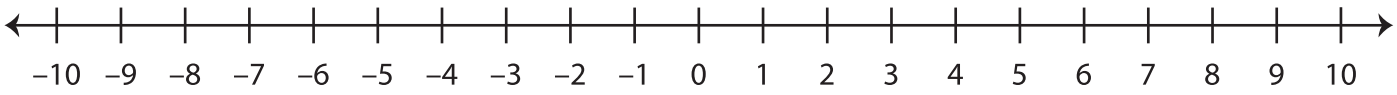
ES2

A) Mark the integers on the number line.

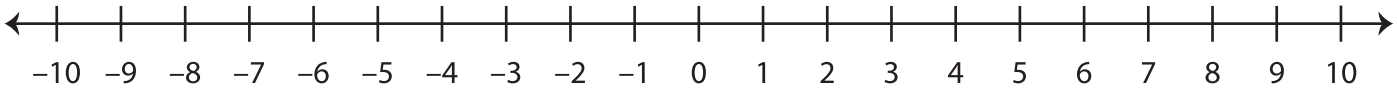
1) a) 4 b) –6 c) 3 d) –10



2) a) –1 b) 8 c) –7 d) 5



B) Answer the questions using the number line below.



1) 5 units to the right of –5 is _____

2) 9 units to the right of –8 is _____

3) 7 units to the left of 1 is _____

4) 10 units to the left of 3 is _____

5) 4 units to the right of 2 is _____

6) 2 units to the right of –7 is _____

7) 3 units to the left of –6 is _____

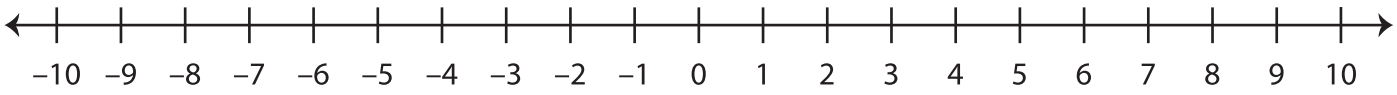
Name : _____ Score : _____

Number Line - Integers

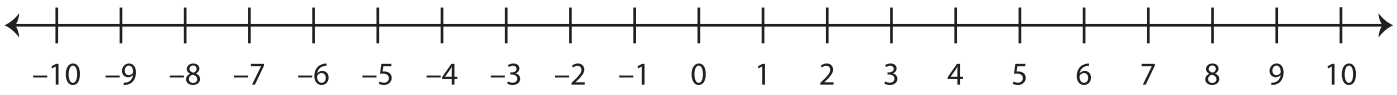
ES3

A) Mark the integers on the number line.

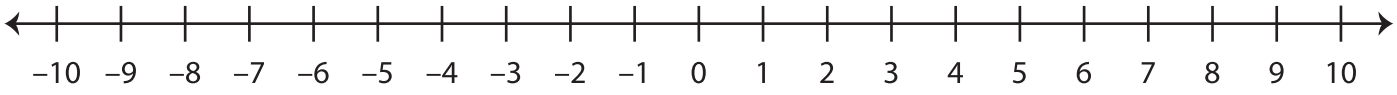
1) a) 10 b) –9 c) –3 d) 6



2) a) –5 b) 4 c) 7 d) –6



B) Answer the questions using the number line below.



1) 10 units to the right of –1 is _____

2) 4 units to the left of –6 is _____

3) 2 units to the right of 3 is _____

4) 5 units to the left of 0 is _____

5) 8 units to the right of –2 is _____

6) 9 units to the left of 7 is _____

7) 1 unit to the right of –5 is _____

Name : _____

Least Common Multiple

Find the least common multiple for each pair of numbers.

1) 6, 9

Multiples of 6 : _____

Multiples of 9 : _____

LCM(6, 9) = _____

2) 12, 36

Multiples of 12 : _____

Multiples of 36 : _____

LCM(12, 36) = _____

3) 2, 3

Multiples of 2 : _____

Multiples of 3 : _____

LCM(2, 3) = _____

4) 20, 4

Multiples of 20 : _____

Multiples of 4 : _____

LCM(20, 4) = _____

5) 10, 5

Multiples of 10 : _____

Multiples of 5 : _____

LCM(10, 5) = _____

Name : _____

Least Common Multiple

Sheet 2

Find the least common multiple for each pair of numbers.

1) 4, 12

Multiples of 4 : _____

Multiples of 12 : _____

LCM(4, 12) = _____

2) 18, 24

Multiples of 18 : _____

Multiples of 24 : _____

LCM(18, 24) = _____

3) 3, 9

Multiples of 3 : _____

Multiples of 9 : _____

LCM(3, 9) = _____

4) 21, 28

Multiples of 21 : _____

Multiples of 28 : _____

LCM(21, 28) = _____

5) 45, 27

Multiples of 45 : _____

Multiples of 27 : _____

LCM(45, 27) = _____

Name : _____

Least Common Multiple

Sheet 3

Find the least common multiple for each pair of numbers.

1) 9, 27

Multiples of 9 : _____

Multiples of 27 : _____

LCM(9, 27) = _____

2) 8, 5

Multiples of 8 : _____

Multiples of 5 : _____

LCM(8, 5) = _____

3) 6, 4

Multiples of 6 : _____

Multiples of 4 : _____

LCM(6, 4) = _____

4) 66, 22

Multiples of 66 : _____

Multiples of 22 : _____

LCM(66, 22) = _____

5) 12, 3

Multiples of 12 : _____

Multiples of 3 : _____

LCM(12, 3) = _____

Name : _____ Score : _____

Value of the Digit

Sheet 1

1) Write down the place value of 7 in each of these numbers.

a) 78.924531 _____ b) 241.35708 _____

c) 9.7102 _____ d) 54.63817 _____

2) Write down the place value of 3 in each of these numbers.

a) 3.59216 _____ b) 47.2603 _____

c) 509.683 _____ d) 81.437659 _____

3) Write down the place value of 6 in each of these numbers.

a) 750.421836 _____ b) 3.189267 _____

c) 6.27 _____ d) 49.53768 _____

4) Write down the place value of 1 in each of these numbers.

a) 278.15346 _____ b) 9.367218 _____

c) 352.901 _____ d) 61.5429 _____

5) Write down the place value of 4 in each of these numbers.

a) 2.195624 _____ b) 38.403186 _____

c) 13.82745 _____ d) 479.65 _____

6) Write down the place value of 8 in each of these numbers.

a) 9.725418 _____ b) 28.5409 _____

c) 463.187 _____ d) 1.4538 _____

Name : _____ Score : _____

Value of the Digit

Sheet 2

1) Write down the place value of 4 in each of these numbers.

a) 7.5401 _____ b) 90.628374 _____

c) 413.952 _____ d) 5.30942 _____

2) Write down the place value of 5 in each of these numbers.

a) 39.726415 _____ b) 601.0352 _____

c) 7.81495 _____ d) 5.972138 _____

3) Write down the place value of 9 in each of these numbers.

a) 4.98501 _____ b) 220.671398 _____

c) 13.8965 _____ d) 97.143625 _____

4) Write down the place value of 3 in each of these numbers.

a) 47.095263 _____ b) 3.841905 _____

c) 861.5573 _____ d) 9.326 _____

5) Write down the place value of 7 in each of these numbers.

a) 103.2679 _____ b) 49.352674 _____

c) 8.97142 _____ d) 71.54829 _____

6) Write down the place value of 1 in each of these numbers.

a) 5.901 _____ b) 8.423719 _____

c) 91.056283 _____ d) 602.1389 _____

Name : _____ Score : _____

Value of the Digit

Sheet 3

1) Write down the place value of 6 in each of these numbers.

a) 5.46231 _____ b) 206.859 _____

c) 48.675132 _____ d) 1.2486 _____

2) Write down the place value of 5 in each of these numbers.

a) 67.3152 _____ b) 684.950361 _____

c) 5.86219 _____ d) 79.3815 _____

3) Write down the place value of 1 in each of these numbers.

a) 104.520 _____ b) 63.1847 _____

c) 2.41793 _____ d) 7.098216 _____

4) Write down the place value of 4 in each of these numbers.

a) 1.26374 _____ b) 39.421867 _____

c) 46.175 _____ d) 502.1480 _____

5) Write down the place value of 9 in each of these numbers.

a) 6.053279 _____ b) 32.76948 _____

c) 7.9185 _____ d) 509.837 _____

6) Write down the place value of 3 in each of these numbers.

a) 59.1473 _____ b) 8.351 _____

c) 302.98650 _____ d) 1.093245 _____

Name : _____ Score : _____

Value of the Digit

Sheet 4

1) Write down the place value of 1 in each of these numbers.

a) 403.7981 _____ b) 46.307251 _____

c) 1.253684 _____ d) 24.81593 _____

2) Write down the place value of 5 in each of these numbers.

a) 41.07253 _____ b) 853.4612 _____

c) 9.134856 _____ d) 3.596 _____

3) Write down the place value of 9 in each of these numbers.

a) 5.328419 _____ b) 12.8956 _____

c) 1.53978 _____ d) 901.763 _____

4) Write down the place value of 2 in each of these numbers.

a) 29.30617 _____ b) 1.759423 _____

c) 798.2431 _____ d) 5.362 _____

5) Write down the place value of 4 in each of these numbers.

a) 403.691 _____ b) 81.3475 _____

c) 5.862714 _____ d) 19.25043 _____

6) Write down the place value of 6 in each of these numbers.

a) 5.382167 _____ b) 2.61794 _____

c) 30.5682 _____ d) 756.293 _____

Name : _____ Score : _____

Value of the Digit

Sheet 5

1) Write down the place value of 2 in each of these numbers.

a) 38.250 _____ b) 9.4267 _____

c) 81.77692 _____ d) 702.578346 _____

2) Write down the place value of 6 in each of these numbers.

a) 6.2749 _____ b) 17.59368 _____

c) 209.768 _____ d) 4.810276 _____

3) Write down the place value of 3 in each of these numbers.

a) 304.2961 _____ b) 1.342 _____

c) 98.567432 _____ d) 46.28359 _____

4) Write down the place value of 7 in each of these numbers.

a) 1.048967 _____ b) 674.5832 _____

c) 20.176 _____ d) 4.85179 _____

5) Write down the place value of 5 in each of these numbers.

a) 9.1532 _____ b) 62.849153 _____

c) 285.3079 _____ d) 340.73581 _____

6) Write down the place value of 8 in each of these numbers.

a) 85.26907 _____ b) 1.8036 _____

c) 52.079168 _____ d) 416.982 _____

Name: _____

Multiplying Mixed Numbers and Fractions

Find the product.

1) $1\frac{1}{15} \times \frac{5}{8}$

2) $\frac{1}{2} \times 4\frac{1}{2}$

3) $1\frac{1}{9} \times \frac{17}{10}$

4) $\frac{5}{16} \times 2\frac{3}{10}$

5) $\frac{14}{19} \times 2\frac{5}{7}$

6) $2\frac{1}{3} \times \frac{8}{7}$

7) $3\frac{9}{11} \times \frac{20}{21}$

8) $\frac{4}{3} \times 8\frac{3}{18}$

Name: _____

Multiplying Mixed Numbers and Fractions

Find the product.

1) $5\frac{3}{5} \times \frac{7}{4}$

2) $\frac{1}{16} \times 1\frac{7}{9}$

3) $\frac{11}{24} \times 2\frac{6}{11}$

4) $\frac{9}{7} \times 4\frac{2}{3}$

5) $2\frac{7}{16} \times \frac{14}{13}$

6) $4\frac{4}{5} \times \frac{10}{16}$

7) $\frac{5}{19} \times 2\frac{8}{15}$

8) $3\frac{3}{13} \times \frac{8}{7}$

Name: _____

Multiplying Mixed Numbers and Fractions

Sheet 3

Find the product.

1) $\frac{8}{9} \times 2\frac{15}{16}$

2) $2\frac{7}{10} \times \frac{1}{3}$

3) $\frac{5}{4} \times 2\frac{6}{9}$

4) $6\frac{2}{3} \times \frac{11}{5}$

5) $\frac{3}{4} \times 4\frac{7}{12}$

6) $\frac{3}{11} \times 2\frac{4}{9}$

7) $2\frac{4}{6} \times \frac{5}{2}$

8) $2\frac{2}{3} \times \frac{3}{4}$

Name: _____

Multiplying Mixed Numbers and Fractions

Sheet 4

Find the product.

1) $8\frac{3}{4} \times \frac{18}{5}$

2) $\frac{12}{19} \times 9\frac{3}{6}$

3) $\frac{15}{11} \times 7\frac{1}{3}$

4) $6\frac{2}{4} \times \frac{1}{7}$

5) $\frac{6}{7} \times 5\frac{2}{8}$

6) $2\frac{4}{5} \times \frac{10}{3}$

7) $4\frac{3}{5} \times \frac{5}{6}$

8) $\frac{3}{2} \times 3\frac{1}{11}$

Name: _____

Multiplying Mixed Numbers and Fractions

Sheet 5

Find the product.

1) $\frac{22}{3} \times 5\frac{1}{4}$

2) $1\frac{1}{8} \times \frac{2}{15}$

3) $3\frac{5}{9} \times \frac{6}{8}$

4) $\frac{12}{8} \times 8\frac{1}{2}$

5) $\frac{5}{18} \times 2\frac{10}{13}$

6) $4\frac{1}{2} \times \frac{8}{9}$

7) $11\frac{2}{3} \times \frac{6}{5}$

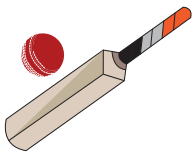
8) $\frac{10}{6} \times 6\frac{1}{2}$

Name : _____

Favourite Sport

Sheet 1

A survey was conducted among university students to find their favourite games. Read the data provided in the pictogram below and answer the questions that follow:

Volleyball	Cricket	Football	Tennis	Basketball
				
660	1728	672	1662	1236

1) Find the ratio of students who like cricket to the students who like tennis.

_____

2) What is the ratio of the most preferred game to the least preferred game among the university students?

_____

3) Identify the games preferred by the university students in the ratio of 55 : 56.

_____

4) Find the ratio of the least favorite sport to all the other sports.

_____

5) Compare the ratio of students who like basketball to those who prefer football.

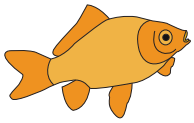
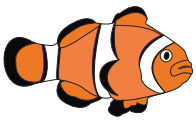
_____

Name : _____

Aquarium Fish

Sheet 2

The data represented in the pictogram below displays a variety of aquarium fish sold in one month. Read the data and answer the questions that follow:

Goldfish	Angelfish	Regal Tangs	Clownfish	Starfish
				
880	**126**	**333**	**252**	**672**

1) Find the ratio of the number of starfish sold to the number of goldfish sold.

_____

2) Which two varieties of aquarium fish were sold in the ratio of 2 : 1?

_____

3) Compare the ratio of regal tangs and starfish sold to the ratio of goldfish that was sold.

_____

4) What is the ratio of the least number of aquarium fish sold to the highest number of aquarium fish sold? Identify the varieties.

_____

5) Find the ratio of clownfish sold to all the other varieties of aquarium fish that were sold.

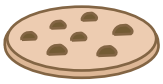
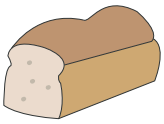
_____

Name : _____

Choco Chips Bakery

Sheet 3

The data provided below indicates the sales of a variety of confectioneries over the weekend at La Munchkinierre. Read the data and answer the questions that follow.

Cookies	Brownies	Bread	Doughnuts	Muffins
				
622	**524**	**248**	**311**	**496**

1) What is the ratio of brownies to doughnuts ?

_____

2) Which two bakery items were sold in the ratio of 1 : 2?

_____

3) Compare the ratio of the cookies sold to all the other bakery items that were sold.

_____

4) Find the ratio of the most number of bakery items sold to the least number of items that were sold over the weekend.

_____

5) Can you spot any other equivalent ratios displayed in the data presented, other than the ratio of bread to muffins?

_____

Name : _____

Division

Sheet 1

1) $21 \overline{)\,7\ 8,\ 6\ 6\ 0}$

2) $63 \overline{)\,9\ 2,\ 5\ 2\ 6}$

3) $7 \overline{)\,8\ 4,\ 8\ 1\ 9}$

4) $4 \overline{)\,2\ 5,\ 1\ 4\ 5}$

5) $9 \overline{)\,6\ 3,\ 7\ 0\ 2}$

6) $85 \overline{)\,1\ 9,\ 6\ 3\ 4}$

Name : _____

Division

Sheet 2

1) $2 \overline{)\,17,226}$

2) $55 \overline{)\,72,585}$

3) $78 \overline{)\,53,101}$

4) $34 \overline{)\,48,433}$

5) $6 \overline{)\,39,814}$

6) $10 \overline{)\,60,720}$

Name : _____

Division

Sheet 3

1) $47 \overline{)\,4\,8,\,9\,0\,1}$

2) $8 \overline{)\,9\,1,\,4\,8\,8}$

3) $16 \overline{)\,3\,5,\,3\,3\,7}$

4) $5 \overline{)\,5\,6,\,2\,5\,0}$

5) $92 \overline{)\,2\,3,\,5\,4\,2}$

6) $3 \overline{)\,8\,7,\,1\,9\,9}$

Name : _____

Five-Number Summary

Level 1: S1

Write the five-number summary for each set of data.

1) 42, 58, 67, 55, 40, 69, 66, 51, 46, 48, 68

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

2) 14, 11, 8, 1, 23, 20, 17, 5, 19, 10, 12, 22

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

3) 107, 92, 111, 119, 99, 100, 89, 94, 125, 93

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

4) 72, 60, 64, 75, 79, 63, 70, 61, 78

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

5) 21, 4, 18, 9, 25, 16, 27, 30, 33, 15, 31

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

6) 134, 47, 122, 113, 49, 56, 102, 93, 62

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

Name : _____

Five-Number Summary

Level 1: S2

Write the five-number summary for each set of data.

1) 122, 79, 92, 84, 105, 128, 99, 131, 74

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

2) 66, 94, 82, 91, 87, 98, 80, 93, 66, 94

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

3) 8, 11, 58, 32, 9, 50, 27, 10, 29, 5, 7, 22

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

4) 137, 28, 36, 120, 49, 45, 65, 119

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

5) 68, 93, 76, 46, 96, 72, 86, 52, 77, 68

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

6) 27, 12, 3, 1, 6, 31, 34, 28, 19, 14, 23

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

Name : _____

Five-Number Summary

Level 1: S3

Write the five-number summary for each set of data.

1) 26, 19, 16, 30, 9, 7, 10, 22, 15, 31, 34, 13

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

2) 76, 105, 116, 88, 76, 122, 84, 116

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

3) 35, 87, 69, 39, 63, 82, 71, 90, 39

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

4) 27, 4, 33, 6, 21, 47, 52, 2, 4, 24, 30

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

5) 122, 160, 89, 42, 89, 115, 71, 48

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

6) 37, 66, 72, 85, 81, 98, 22, 15, 10, 83

Minimum : _____

Q_1 : _____

Q_2 : _____

Q_3 : _____

Maximum : _____

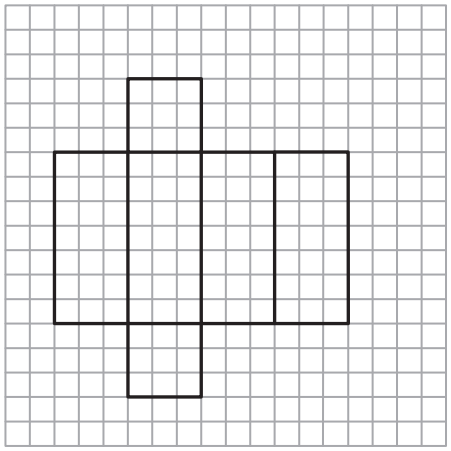
Name : _____

Surface Area of Solids using Nets

Count the unit squares, and find the surface area of the shape represented by each net.

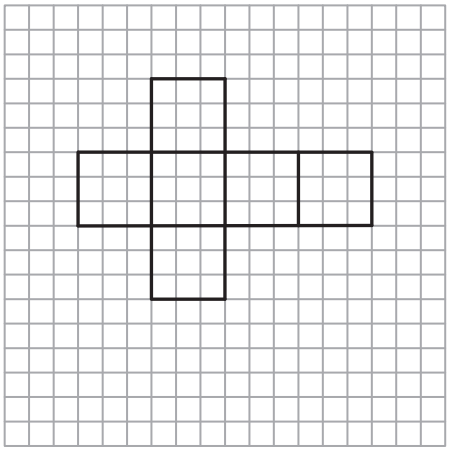
□ = 1 cm²

1) Rectangular Prism



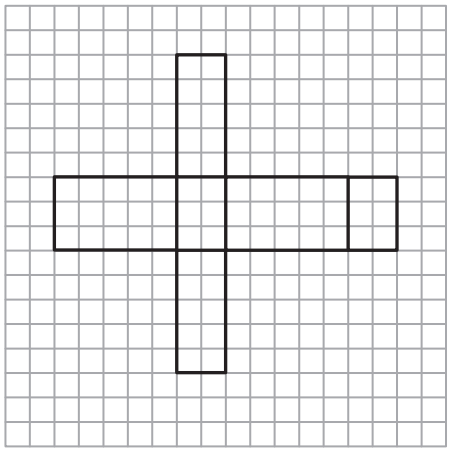
Surface Area = _____

2) Cube



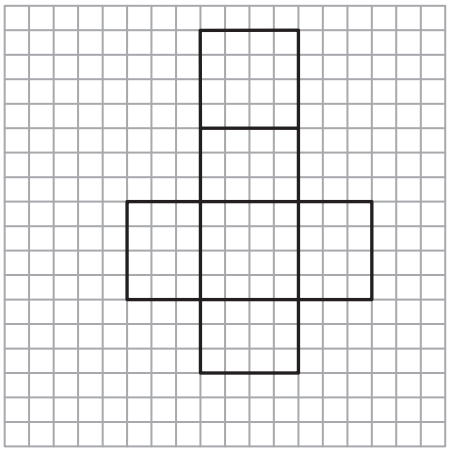
Surface Area = _____

3) Rectangular Prism



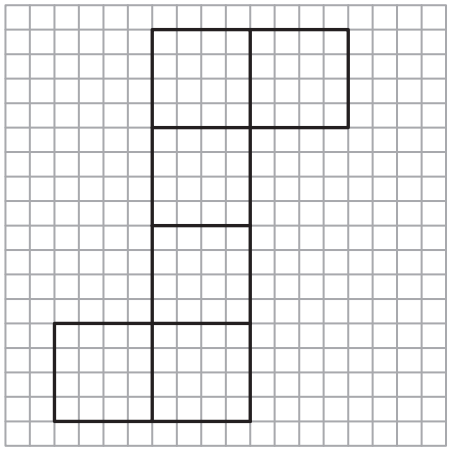
Surface Area = _____

4) Rectangular Prism



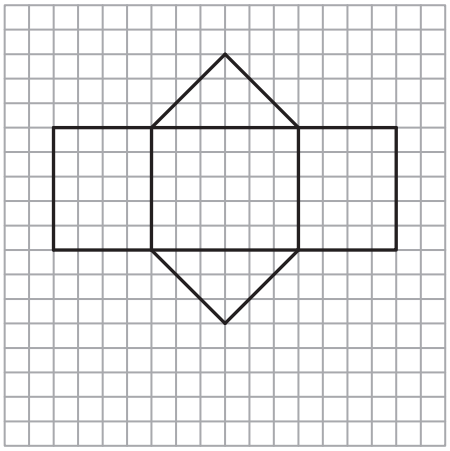
Surface Area = _____

5) Cube



Surface Area = _____

6) Triangular Prism



Surface Area = _____

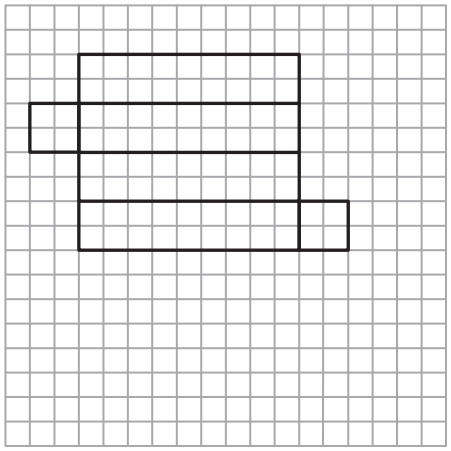
Name : _____

Surface Area of Solids using Nets

Count the unit squares, and find the surface area of the shape represented by each net.

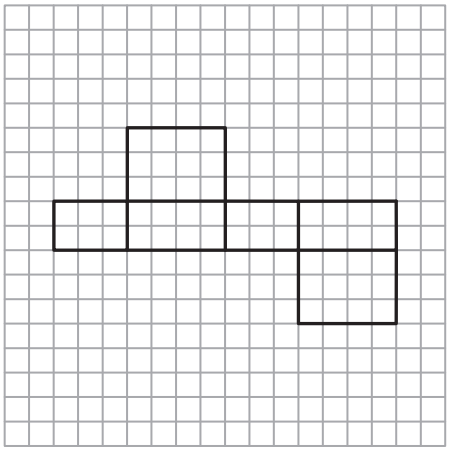
□ = 1 m^2

1) Rectangular Prism



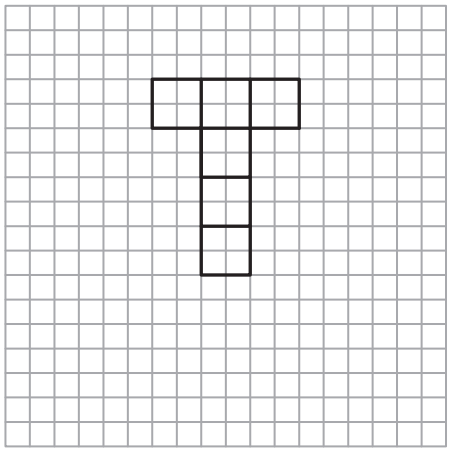
Surface Area = _____

2) Rectangular Prism



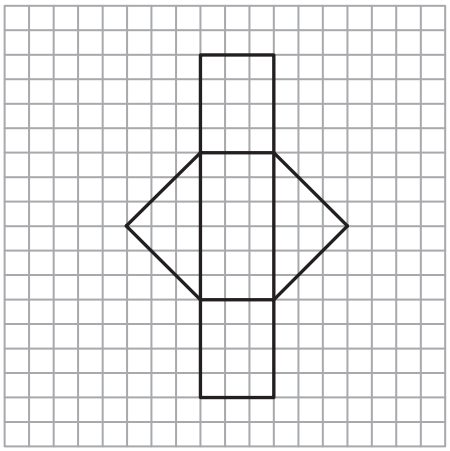
Surface Area = _____

3) Cube



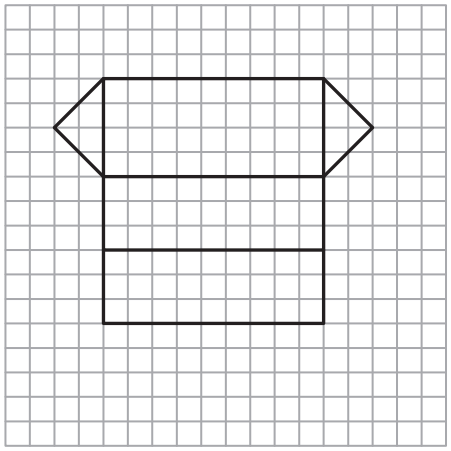
Surface Area = _____

4) Triangular Prism



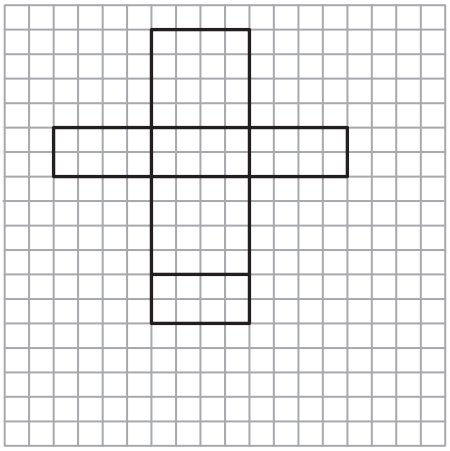
Surface Area = _____

5) Triangular Prism



Surface Area = _____

6) Rectangular Prism



Surface Area = _____

Name : _____

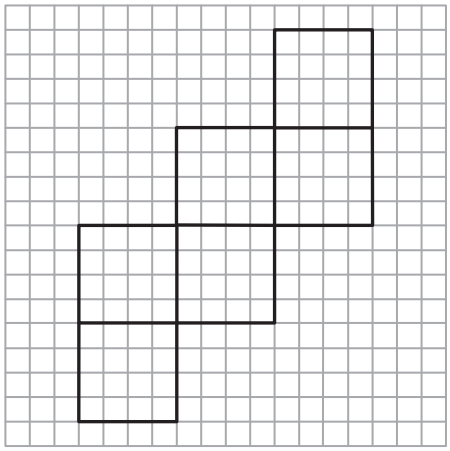
Surface Area of Solids using Nets

Sheet 3

Count the unit squares, and find the surface area of the shape represented by each net.

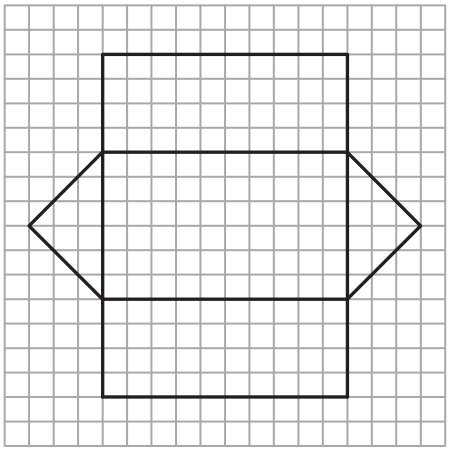
□ = 1 mm²

1) Cube



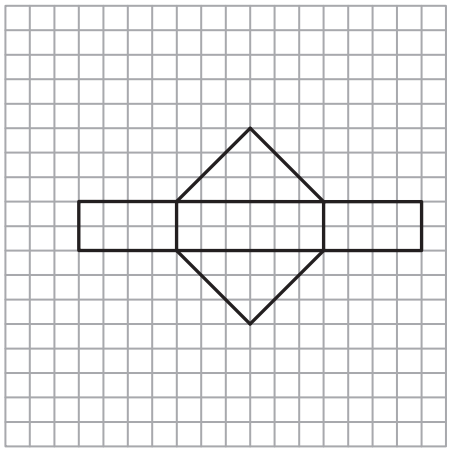
Surface Area = _____

2) Triangular Prism



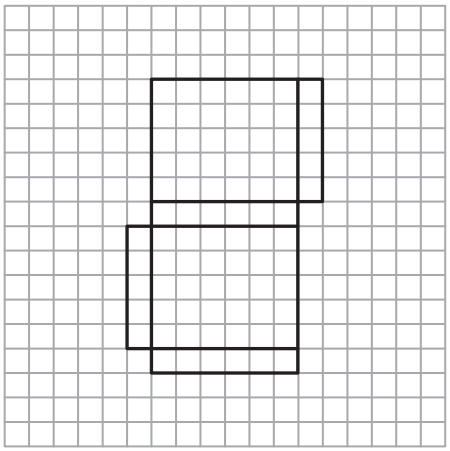
Surface Area = _____

3) Triangular Prism



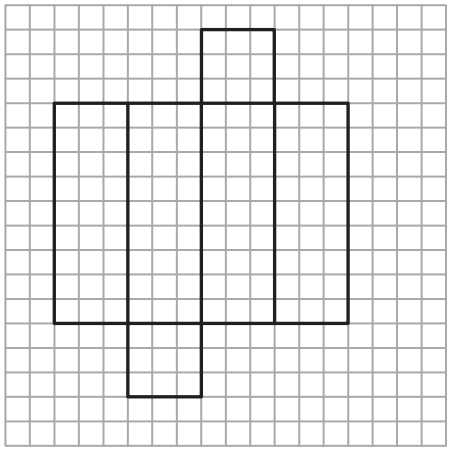
Surface Area = _____

4) Rectangular Prism



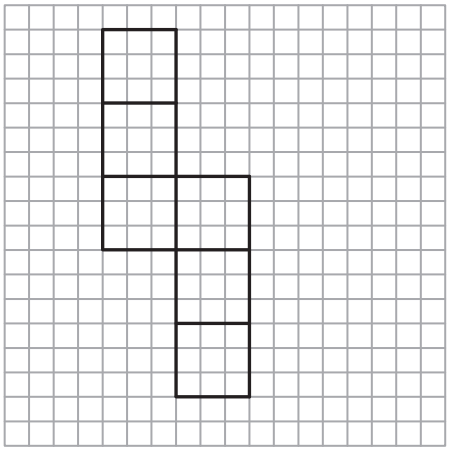
Surface Area = _____

5) Rectangular Prism



Surface Area = _____

6) Cube



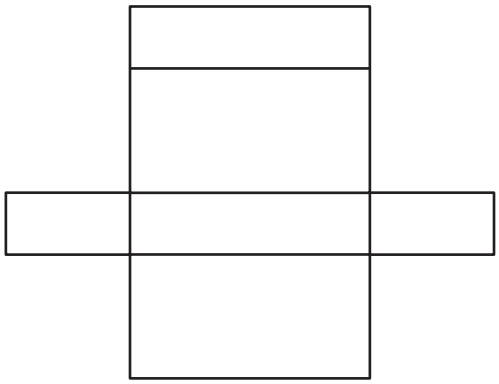
Surface Area = _____

Name : _____

3D Shapes and Nets

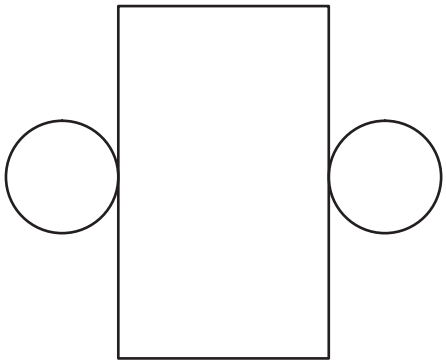
Name the 3D shape formed by each net.

1)



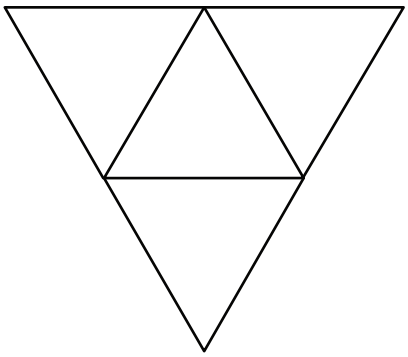
_____

2)



_____

3)



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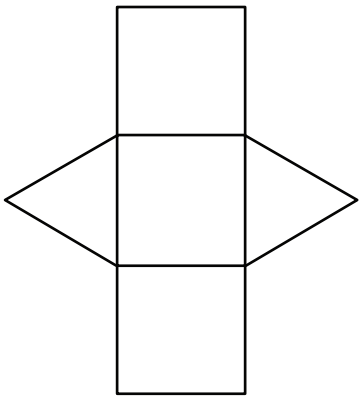
4)



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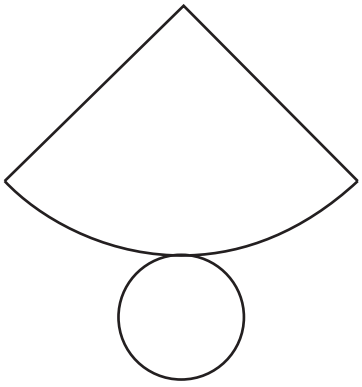
5)



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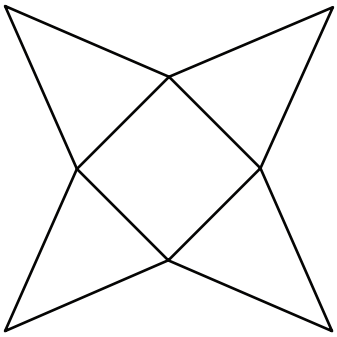
6)



_____

Name : _____

Area of a Square

T2S1

A) Find the area of each square for the given side length.

1) Side length = $\frac{5}{2}$ m

Area = _____

2) Side length = $2\frac{1}{3}$ mm

Area = _____

3) Side length = $\frac{1}{6}$ mm

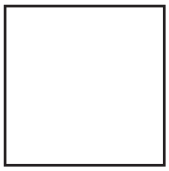
Area = _____

4) Side length = $3\frac{3}{4}$ cm

Area = _____

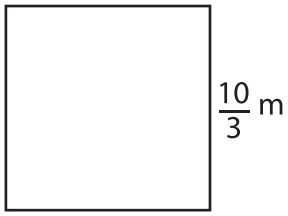
B) Find the area of each square.

5)



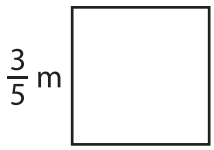
Area = _____

6)



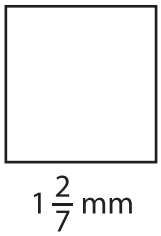
Area = _____

7)



Area = _____

8)



Area = _____

9) If the side of a square measures $\frac{8}{9}$ cm, determine the area.

_____

Name : _____

Area of a Square

T2S2

A) Find the area of each square for the given side length.

1) Side length = $\frac{2}{3}$ cm

Area = _____

2) Side length = $\frac{5}{8}$ m

Area = _____

3) Side length = $1\frac{5}{9}$ m

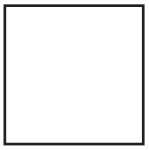
Area = _____

4) Side length = $\frac{1}{5}$ mm

Area = _____

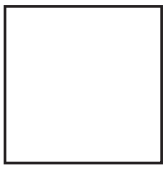
B) Find the area of each square.

5)

$\frac{9}{11}$ mm 

Area = _____

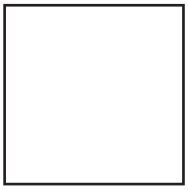
6)



$\frac{7}{5}$ cm

Area = _____

7)

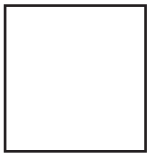


$6\frac{1}{2}$ cm

Area = _____

8)

$\frac{5}{4}$ m



Area = _____

9) The length of the side of a square is $\frac{6}{5}$ mm. What is the area of the square?

_____

Name : _____

Area of a Square

T2S3

A) Find the area of each square for the given side length.

1) Side length = $\frac{3}{4}$ mm

Area = _____

2) Side length = $3\frac{2}{3}$ cm

Area = _____

3) Side length = $\frac{1}{2}$ cm

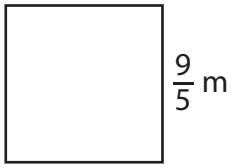
Area = _____

4) Side length = $\frac{5}{6}$ m

Area = _____

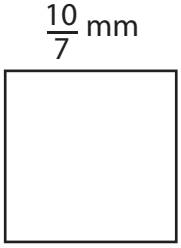
B) Find the area of each square.

5)



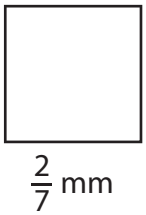
Area = _____

6)



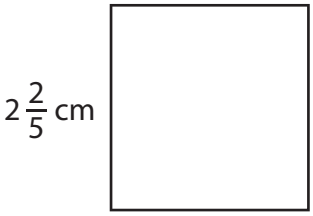
Area = _____

7)



Area = _____

8)



Area = _____

9) If the length of the side of a square is $2\frac{5}{7}$ m, determine the area.

_____

Name : _____

Area of a Square

T2S4

A) Find the area of each square for the given side length.

1) Side length = $\frac{1}{7}$ m

Area = _____

2) Side length = $\frac{5}{9}$ cm

Area = _____

3) Side length = $\frac{10}{13}$ cm

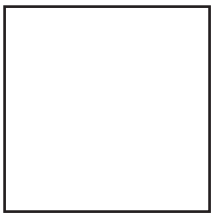
Area = _____

4) Side length = $3\frac{1}{4}$ mm

Area = _____

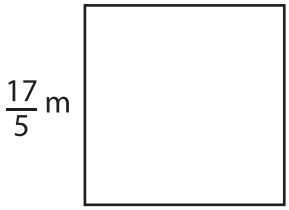
B) Find the area of each square.

5)



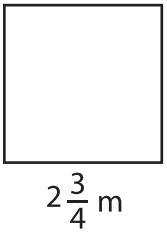
Area = _____

6)



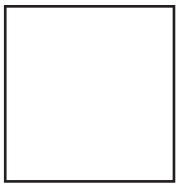
Area = _____

7)



Area = _____

8)



Area = _____

9) The length of the side of a square is $\frac{2}{5}$ mm. What is the area of the square?

_____

Name : _____

Area of a Square

T2S5

A) Find the area of each square for the given side length.

1) Side length = $1\frac{5}{6}$ cm

Area = _____

2) Side length = $\frac{5}{11}$ mm

Area = _____

3) Side length = $\frac{4}{7}$ mm

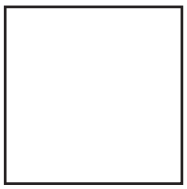
Area = _____

4) Side length = $\frac{9}{4}$ m

Area = _____

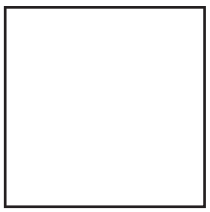
B) Find the area of each square.

5) $\frac{11}{3}$ m



Area = _____

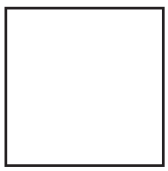
6)



$\frac{5}{9}$ cm

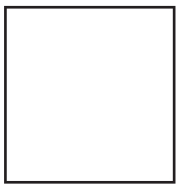
Area = _____

7)

$1\frac{4}{5}$ cm 

Area = _____

8)



$\frac{10}{7}$ mm

Area = _____

9) If the side of a square measures $\frac{7}{9}$ m, determine the area.

_____

Name : _____

Identifying Ordered Pairs

All quadrants: S1

A) Write the point that is located at each ordered pair.

1) (1, 3) _____

2) (-4, 0) _____

3) (-1, 1) _____

4) (4, -2) _____

5) (2, -3) _____

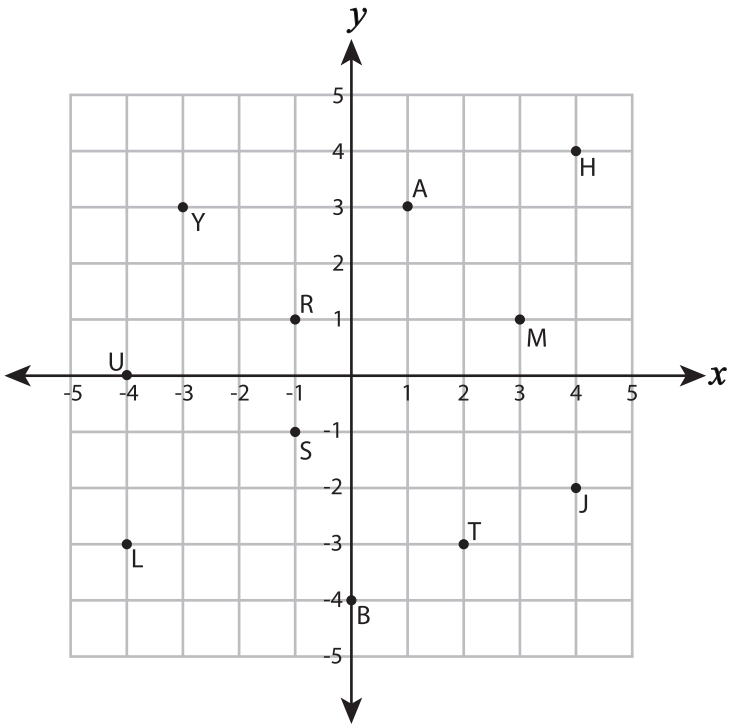
6) (3, 1) _____

7) (4, 4) _____

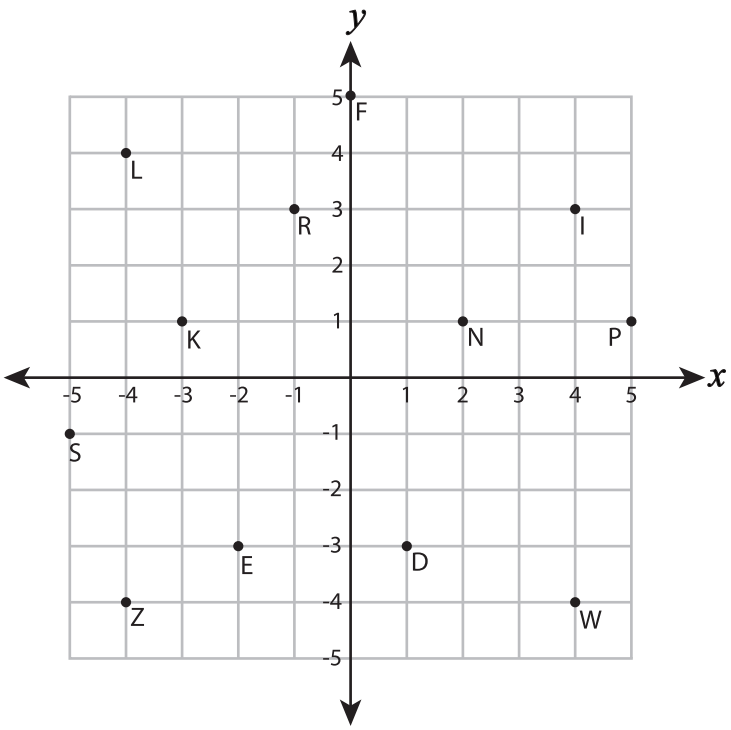
8) (0, -4) _____

9) (-3, 3) _____

10) (-4, -3) _____



B) Write the ordered pair for each point.



11) L (___ , ___)

12) S (___ , ___)

13) E (___ , ___)

14) K (___ , ___)

15) N (___ , ___)

16) F (___ , ___)

17) I (___ , ___)

18) P (___ , ___)

19) D (___ , ___)

20) Z (___ , ___)

Name : _____

Identifying Ordered Pairs

All quadrants: S2

A) Write the point that is located at each ordered pair.

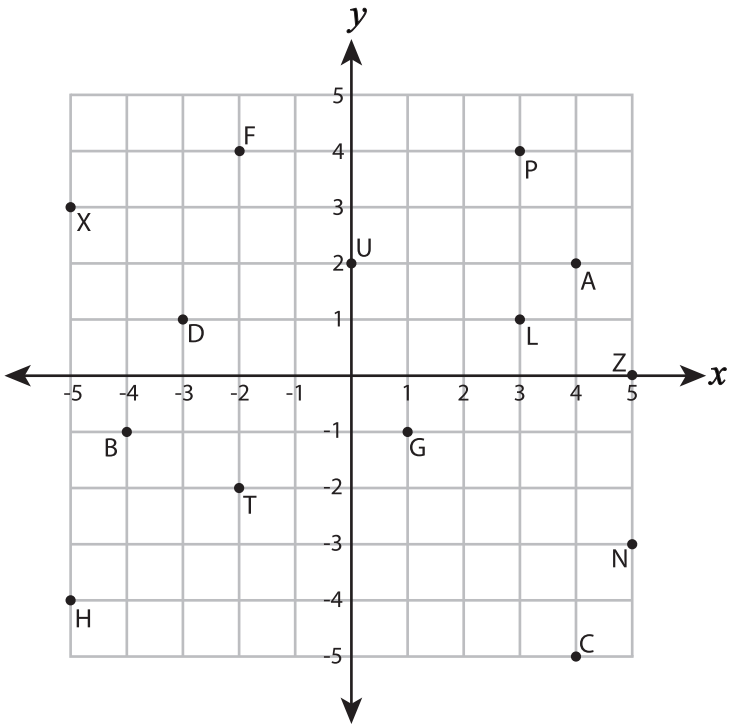
1) (4, -5) _____ 2) (3, 4) _____

3) (-5, -4) _____ 4) (5, 0) _____

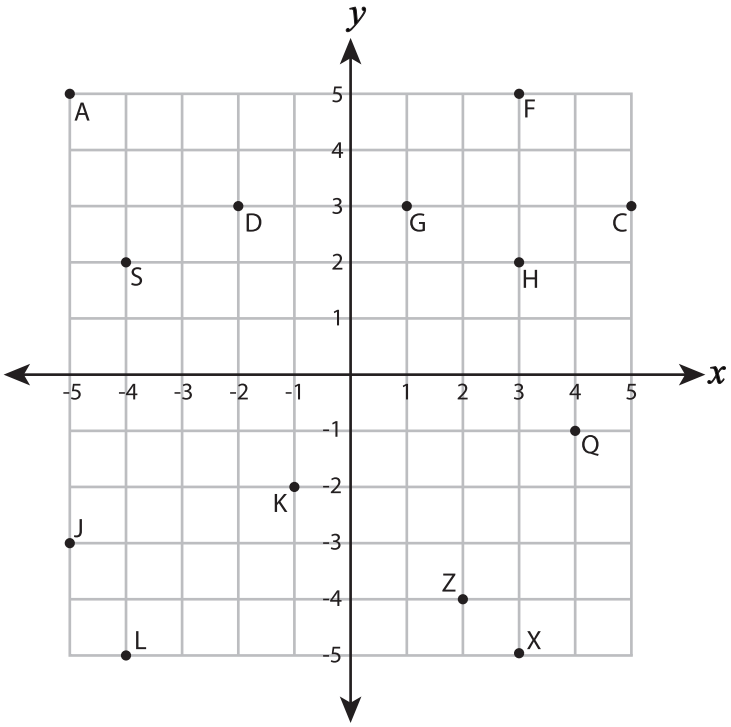
5) (1, -1) _____ 6) (-5, 3) _____

7) (0, 2) _____ 8) (-4, -1) _____

9) (5, -3) _____ 10) (3, 1) _____



B) Write the ordered pair for each point.



11) H (___ , ___) 12) Q (___ , ___)

13) K (___ , ___) 14) G (___ , ___)

15) S (___ , ___) 16) J (___ , ___)

17) Z (___ , ___) 18) D (___ , ___)

19) A (___ , ___) 20) L (___ , ___)

Name : _____

Identifying Ordered Pairs

All quadrants: S3

A) Write the point that is located at each ordered pair.

1) (4, 1) _____

2) (3, -5) _____

3) (-5, 1) _____

4) (5, 5) _____

5) (1, -4) _____

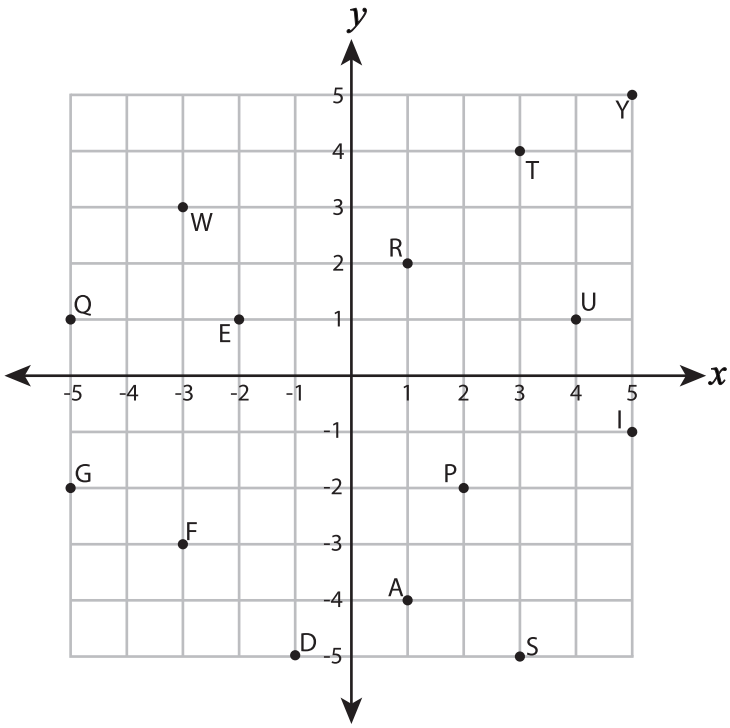
6) (-1, -5) _____

7) (-3, -3) _____

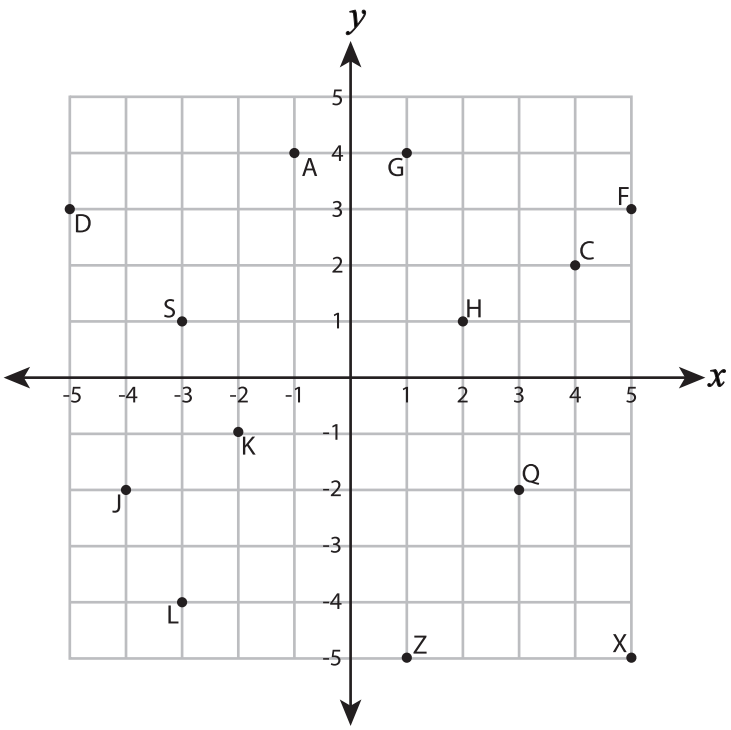
8) (-5, -2) _____

9) (-2, 1) _____

10) (1, 2) _____



B) Write the ordered pair for each point.



11) Q (___ , ___)

12) S (___ , ___)

13) D (___ , ___)

14) L (___ , ___)

15) G (___ , ___)

16) Z (___ , ___)

17) X (___ , ___)

18) A (___ , ___)

19) J (___ , ___)

20) F (___ , ___)

Name : _____

Identifying Ordered Pairs

All quadrants: S4

A) Write the point that is located at each ordered pair.

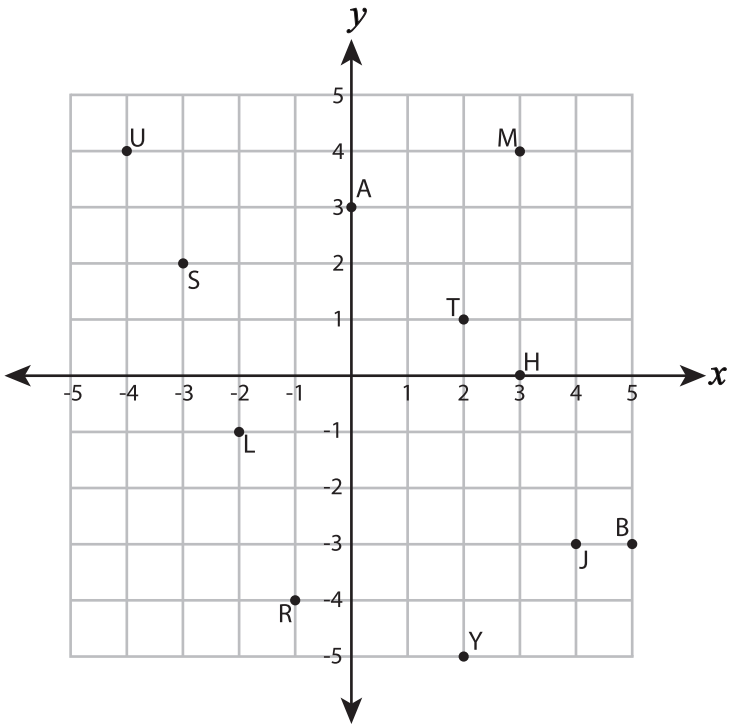
1) (5, -3) _____ 2) (3, 0) _____

3) (-4, 4) _____ 4) (2, -5) _____

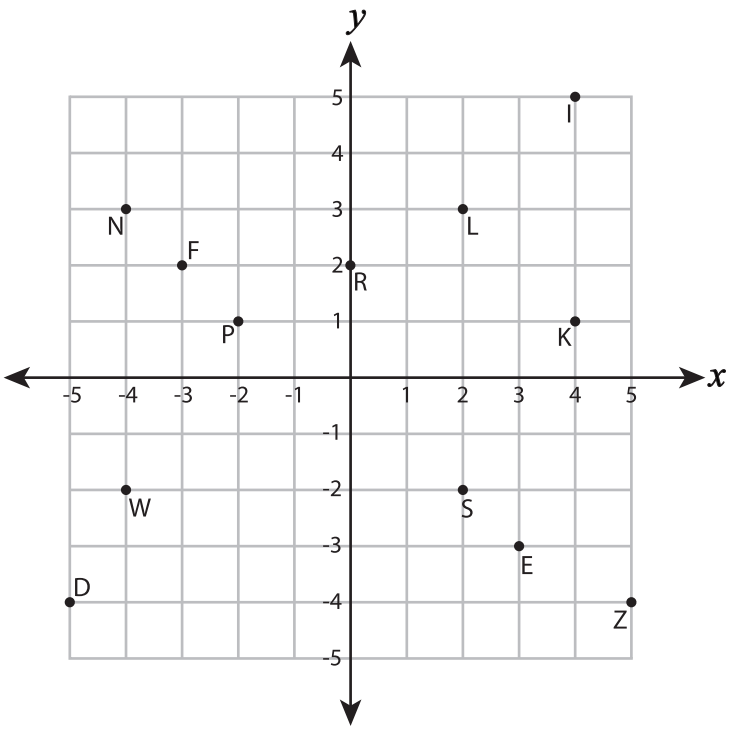
5) (0, 3) _____ 6) (2, 1) _____

7) (-1, -4) _____ 8) (3, 4) _____

9) (-2, -1) _____ 10) (4, -3) _____



B) Write the ordered pair for each point.



11) S(___ , ___) 12) D(___ , ___)

13) W(___ , ___) 14) N(___ , ___)

15) K (___ , ___) 16) I (___ , ___)

17) P(___ , ___) 18) F (___ , ___)

19) L (___ , ___) 20) Z(___ , ___)

Name : _____

Identifying Ordered Pairs

All quadrants: S5

A) Write the point that is located at each ordered pair.

1) (0, 4) _____

2) (-3, -4) _____

3) (3, -2) _____

4) (-1, -1) _____

5) (-3, 5) _____

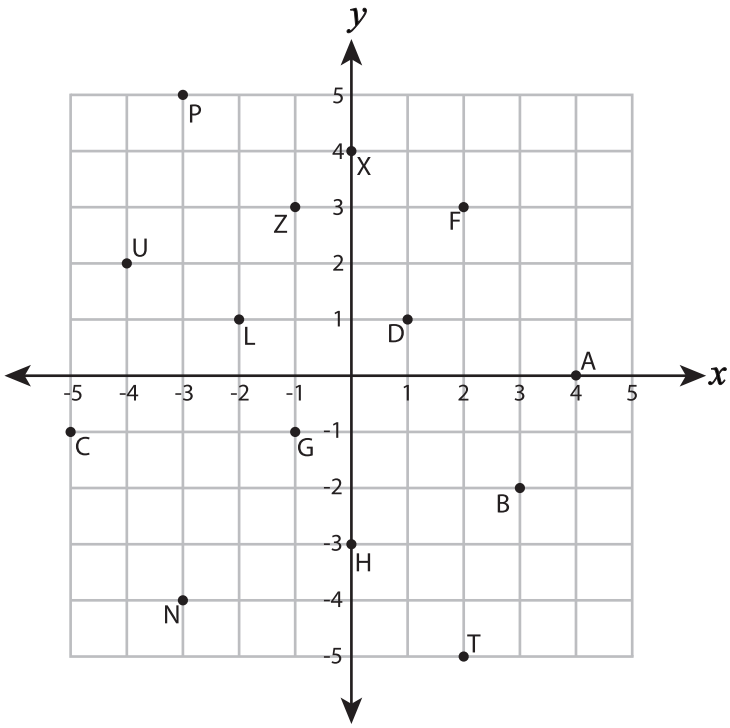
6) (-4, 2) _____

7) (-5, -1) _____

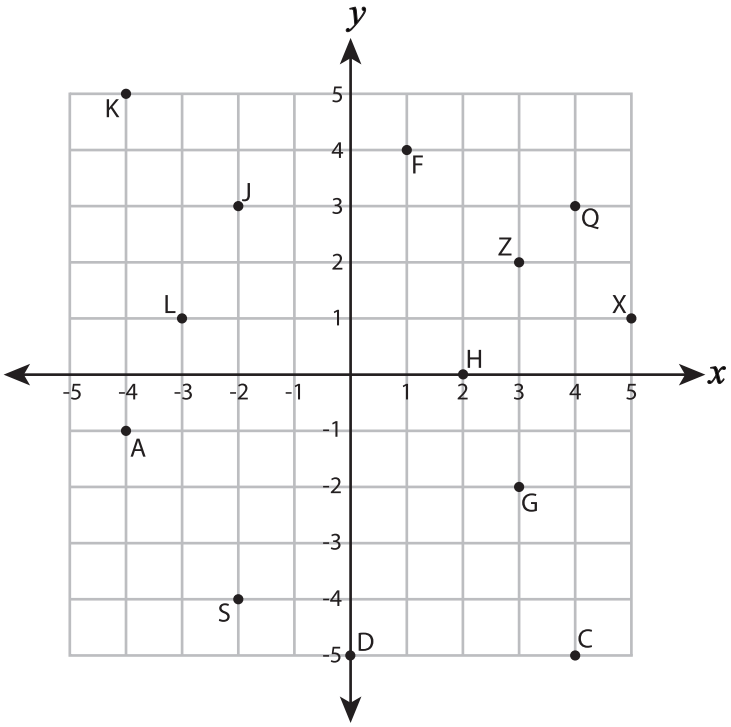
8) (-2, 1) _____

9) (-1, 3) _____

10) (0, -3) _____



B) Write the ordered pair for each point.



11) D (___ , ___)

12) S (___ , ___)

13) A (___ , ___)

14) X (___ , ___)

15) L (___ , ___)

16) K (___ , ___)

17) H (___ , ___)

18) Z (___ , ___)

19) G (___ , ___)

20) Q (___ , ___)

Name : _____

One-Step Equations: Integers

Add/Sub Level 1: S1

Solve each equation.

1) $x + 9 = 12$

2) $s - 1 = 10$

3) $3 = z - 11$

4) $5 + y = 7$

5) $8 = 2 + q$

6) $6 = n - 4$

7) $r - 2 = 5$

8) $6 = m + 6$

9) $p + 7 = 8$

10) $4 + a = 13$

Name : _____

One-Step Equations: Integers

Add/Sub Level 1: S2

Solve each equation.

1) $11 = z - 5$

2) $w - 7 = 2$

3) $15 = 12 + s$

4) $q + 6 = 20$

5) $p - 10 = 3$

6) $15 = m + 9$

7) $8 + a = 13$

8) $5 = y - 4$

9) $n - 2 = 18$

10) $u + 14 = 15$

Name : _____

One-Step Equations: Integers

Add/Sub Level 1: S3

Solve each equation.

1) $3 + u = 9$

2) $12 = a + 7$

3) $13 = c - 6$

4) $p - 4 = 0$

5) $16 = s + 1$

6) $v + 5 = 12$

7) $w - 8 = 4$

8) $2 + t = 3$

9) $7 = 4 + g$

10) $b - 10 = 1$

Name : _____

One-Step Equations: Integers

Add/Sub Level 1: S4

Solve each equation.

1) $y - 9 = 3$

2) $m + 4 = 11$

3) $7 = b + 7$

4) $a - 1 = 9$

5) $9 = 2 + x$

6) $s - 3 = 4$

7) $n - 5 = 10$

8) $18 = r + 6$

9) $11 = 6 + z$

10) $5 + p = 8$

Name : _____

One-Step Equations: Integers

Add/Sub Level 1: S5

Solve each equation.

1) $7 = 2 + a$

2) $d - 9 = 9$

3) $p - 3 = 5$

4) $16 = s - 2$

5) $z - 6 = 7$

6) $11 = 1 + u$

7) $y + 4 = 5$

8) $8 = q - 3$

9) $5 = 2 + r$

10) $v - 9 = 6$

Name : _____ Score : _____

Representation of Integers

Sheet 1

Write an integer to represent each situation mentioned below:

1) James withdrew $80 from his bank account.

_____

2) Harry adds 18 more toy cars to his collection.

_____

3) Kevin took 5 crayons to school and lost them all.

_____

4) Lillian received $10 as pocket money from her dad.

_____

5) Mr. Johnson was fined $13 as he failed to pay the telephone bill on time.

_____

6) Anna's vegetable patch yielded 26 tomatoes in all.

_____

7) Danny distributed 19 cupcakes to his friends on Thanksgiving Day.

_____

8) Jim's friend gave him 7 candies.

_____

9) Boston recorded a subzero temperature of 31^0F.

_____

10) The University basket ball match team lost their 12 points lead in the final quarter of the match.

_____

Name : _____ Score : _____

Representation of Integers

Sheet 2

Write an integer to represent each situation mentioned below:

1) Trevor's credit card bill is $23 more than it was the previous month.

_____

2) The stock market lost 6 points at the time of the closing bell.

_____

3) Lara owes $15 to her friend Max.

_____

4) There was an increase in price of crude oil by $3 yesterday.

_____

5) Frieda lost $75 playing roulette at a casino.

_____

6) The Mariana Trench is located 36,070 feet below sea level.

_____

7) Graham worked 8 hours overtime on Monday.

_____

8) There was a shortage of $76 in the petty cash fund.

_____

9) 57 apples were damaged in transit.

_____

10) The temperature rose by 9 degrees today.

_____

Name : _____ Score : _____

Representation of Integers

Sheet 3

Write an integer to represent each situation mentioned below:

1) Brenda spilled 8 ounces of lemonade accidentally.

_____

2) Mr. Meyer's bank account was credited with $85.

_____

3) Susan went on a low-carb diet and lost 23 pounds.

_____

4) The starting point of the trek was 59 feet above sea level.

_____

5) Gillian bought 6 goldfish and put them in her aquarium.

_____

6) Charlotte spent $65 on a new hairdo.

_____

7) The temperature of the surrounding area decreased by 9^{0}F.

_____

8) Phoenix Blasters lost the basketball game by 11 points.

_____

9) Kirk was gifted 5 storybooks by his aunt.

_____

10) 17 gallons of water overflowed from a barrel.

_____

Name : _____

Greatest Common Factor

MS1

Find the greatest common factor for each pair of numbers.

1) 28, 12

Factors of 28 = _____

Factors of 12 = _____

GCF(28, 12) = _____

2) 90, 30

Factors of 90 = _____

Factors of 30 = _____

GCF(90, 30) = _____

3) 36, 54

Factors of 36 = _____

Factors of 54 = _____

GCF(36, 54) = _____

4) 26, 52

Factors of 26 = _____

Factors of 52 = _____

GCF(26, 52) = _____

5) 21, 27

Factors of 21 = _____

Factors of 27 = _____

GCF(21, 27) = _____

Name : _____

Greatest Common Factor

MS2

Find the greatest common factor for each pair of numbers.

1) 36, 24

Factors of 36 = _____

Factors of 24 = _____

GCF(36, 24) = _____

2) 44, 66

Factors of 44 = _____

Factors of 66 = _____

GCF(44, 66) = _____

3) 40, 80

Factors of 40 = _____

Factors of 80 = _____

GCF(40, 80) = _____

4) 84, 14

Factors of 84 = _____

Factors of 14 = _____

GCF(84, 14) = _____

5) 45, 75

Factors of 45 = _____

Factors of 75 = _____

GCF(45, 75) = _____

Name : _____

Greatest Common Factor

MS3

Find the greatest common factor for each pair of numbers.

1) 98, 28

Factors of 98 = _____

Factors of 28 = _____

GCF(98, 28) = _____

2) 12, 42

Factors of 12 = _____

Factors of 42 = _____

GCF(12, 42) = _____

3) 72, 60

Factors of 72 = _____

Factors of 60 = _____

GCF(72, 60) = _____

4) 55, 99

Factors of 55 = _____

Factors of 99 = _____

GCF(55, 99) = _____

5) 76, 32

Factors of 76 = _____

Factors of 32 = _____

GCF(76, 32) = _____

Name : _____ Score : _____

Number Names - Decimals

Mixed: L2S1

Write each decimal in words.

1) 173.567679 _____

_____

_____

2) 325.09062 _____

_____

_____

3) 69.3512 _____

_____

_____

4) 9.27 _____

_____

_____

Write in decimals.

1) thirty and twelve thousand, five hundred forty-eight hundred-thousandths

_____

2) two hundred fifty-four and six tenths

_____

3) eighty-one and seven hundred twelve thousand, eight hundred fifty-three millionths

_____

4) five hundred nineteen and eight thousand, three hundred forty-seven ten-thousandths

_____

Name : _____ Score : _____

Number Names - Decimals

Mixed: L2S2

Write each decimal in words.

1) 71.5832 _____

_____

_____

2) 802.794356 _____

_____

_____

3) 3.028 _____

_____

_____

4) 94.46582 _____

_____

_____

Write in decimals.

1) one hundred fifty-six and two hundred seven thousand, five hundred eighty-nine millionths

_____

2) five and thirteen thousand, six hundred seventy-four hundred-thousandths

_____

3) sixty and three tenths

_____

4) three hundred forty-seven and eight thousand, five hundred ninety ten-thousandths

_____

Name : _____ Score : _____

Number Names - Decimals

Mixed: L2S3

Write each decimal in words.

1) 8.17349 _____

_____

_____

2) 430.067542 _____

_____

_____

3) 71.4257 _____

_____

_____

4) 354.9 _____

_____

_____

Write in decimals.

1) ninety-six and three hundred eighty-one thousand, nine hundred fifty-four millionths

_____

2) four and fifty-one hundredths

_____

3) six hundred twenty-three and seventy-five thousand, four hundred eighty-six hundred-thousandths

_____

4) twenty-five and eight hundred ninety-three ten-thousandths

_____

Name : _____ Score : _____

Number Names - Decimals

Mixed: L2S4

Write each decimal in words.

1) 86.045327 _____

_____

_____

2) 127.3902 _____

_____

_____

3) 7.56097 _____

_____

_____

4) 519.28 _____

_____

_____

Write in decimals.

1) seventy-four and six thousand, two hundred eighteen ten-thousandths

_____

2) eight and seventy thousand, three hundred ninety-four hundred-thousandths

_____

3) six hundred five and four hundred thirty-eight thousand, one hundred two millionths

_____

4) thirty and eight hundred fifty-two thousandths

_____

Name : _____ Score : _____

Number Names - Decimals

Mixed: L2S5

Write each decimal in words.

1) 143.962 _____

_____

_____

2) 64.75421 _____

_____

_____

3) 5.203967 _____

_____

_____

4) 732.5416 _____

_____

_____

Write in decimals.

1) nine and six tenths

_____

2) eighty-seven and thirteen thousand, seven hundred twenty-six hundred-thousandths

_____

3) two hundred fifty-six and three thousand, seven hundred eighty-four ten-thousandths

_____

4) one and four hundred twenty thousand, six hundred thirteen millionths

_____

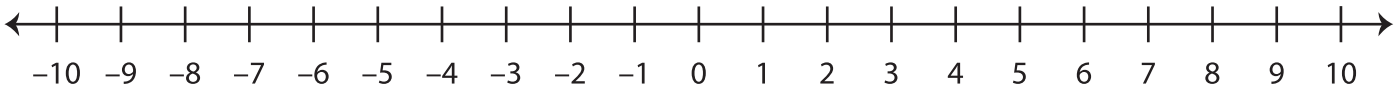
Name : _____ Score : _____

Ordering Integers

Sheet 1

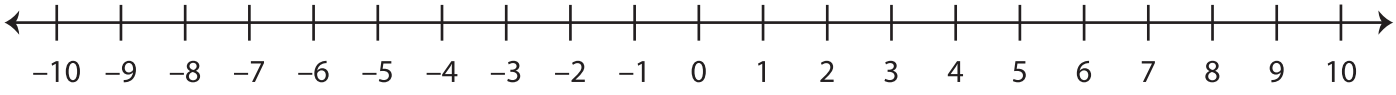
A) Mark the integers on the number line and order them from the least to the greatest.

1) –9, 4, –5, 2



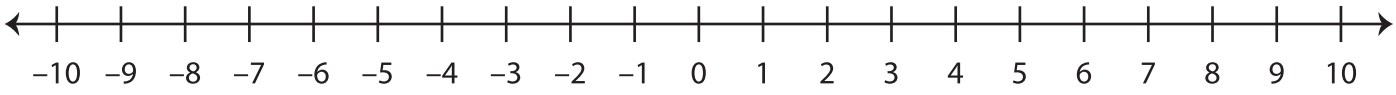
_____

2) 10, 0, –3, –10



_____

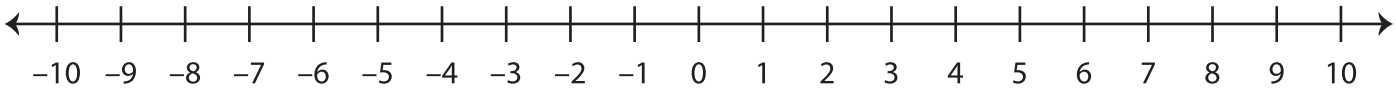
3) –7, 6, –8, 1



_____

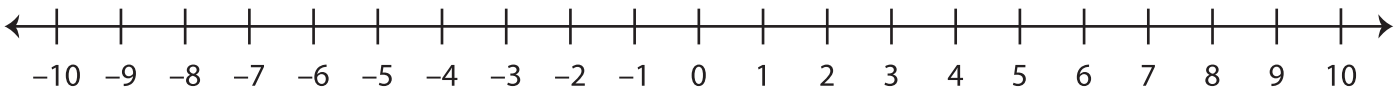
B) Mark the integers on the number line and order them from the greatest to the least.

1) 3, –6, –4, 5



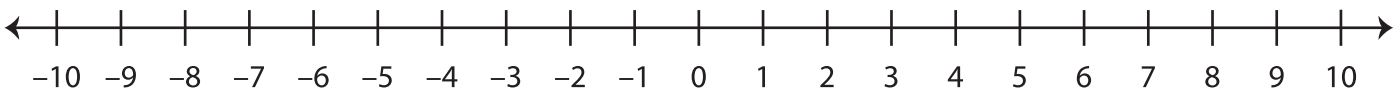
_____

2) –2, –1, 9, –7



_____

3) –5, 7, 8, –9



_____

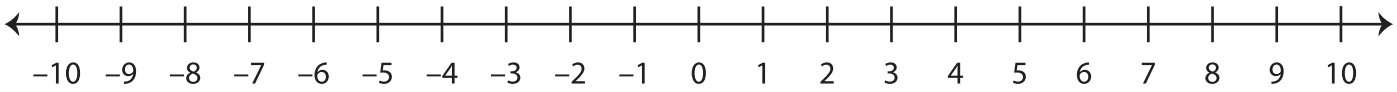
Name : _____ Score : _____

Ordering Integers

Sheet 2

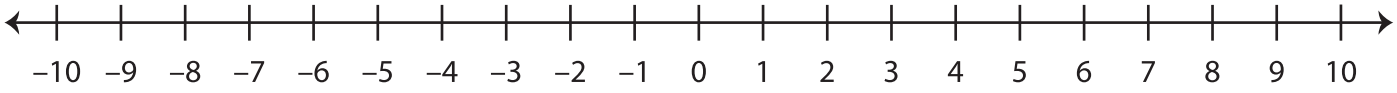
A) Mark the integers on the number line and order them from the least to the greatest.

1) 1, –7, 9, –3



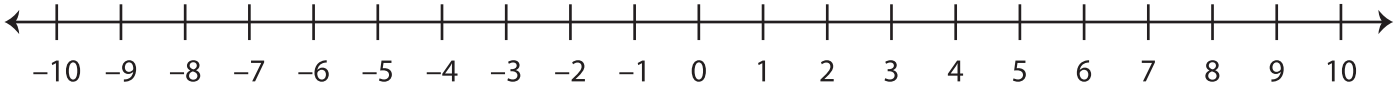
_____

2) –2, 6, –8, 4



_____

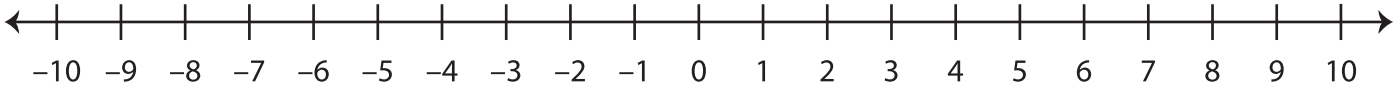
3) 5, 2, 10, –1



_____

B) Mark the integers on the number line and order them from the greatest to the least.

1) –9, –6, 8, –2



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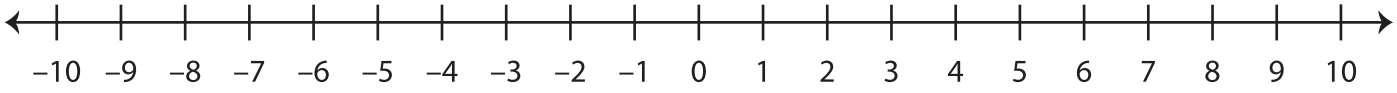
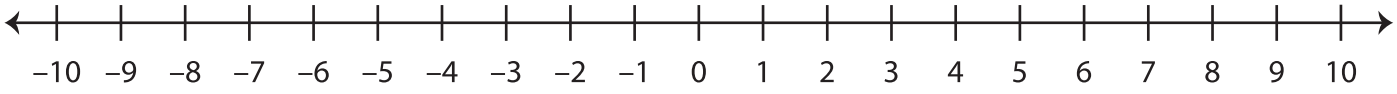
2) 5, –4, 3, 7



_____

3) 0, –10, –8, 4



_____

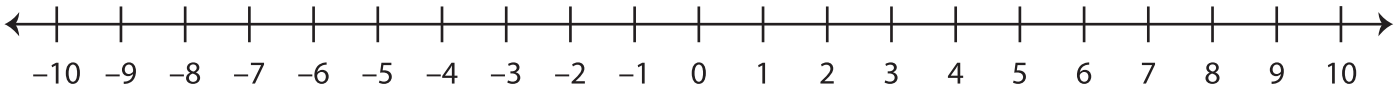
Name : _____ Score : _____

Ordering Integers

Sheet 3

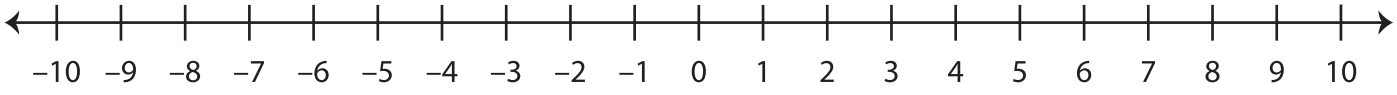
A) Mark the integers on the number line and order them from the least to the greatest.

1) 6, 0, −10, 8



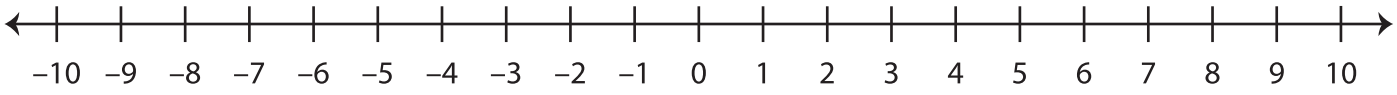
_____

2) 1, −4, 7, −2



_____

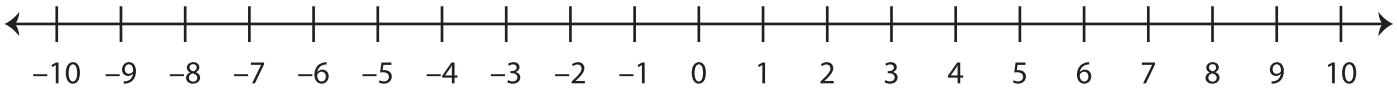
3) 4, −3, −5, −9



_____

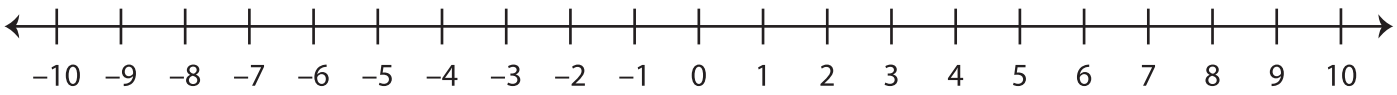
B) Mark the integers on the number line and order them from the greatest to the least.

1) −8, 10, 3, −1



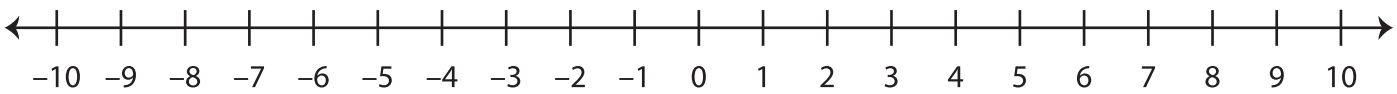
_____

2) 9, −6, 0, −10



_____

3) 5, −7, −9, 2



_____

Name : _____ Score : _____

Comparing Integers

Sheet 1

A) Circle the greatest integer.

1) −18 , 50 , 75 , −26

2) −89 , 10 , −66 , −14

3) 46 , −29 , −61 , 64

4) −93 , −37 , −4 , −78

5) 92 , 57 , 40 , 32

6) −42 , 20 , 45 , 53

B) Circle the smallest integer.

1) 36 , 9 , 52 , 25

2) −83 , −41 , −98 , 63

3) 23 , 64 , −33 , 49

4) 39 , −25 , 56 , 7

5) −84 , −79 , 34 , 80

6) −57 , −15 , −23 , −76

C) Mary bought a share worth $200 on Monday from a multinational company. The following data displays the changes in stock price of the company from Monday to Thursday.

Day	Monday	Tuesday	Wednesday	Thursday
Change in stock price (dollars)	15	−77	89	−120

1) Which day recorded the lowest gain in stock price? _____

2) What was the highest fall in stock price recorded between Monday and Thursday? _____

D) A group of students participated in a preliminary level of a spell bee contest. Mispelt words carried negative points. The scores of four students are depicted in the table below.

Contestant	David	Jennifer	Lisa	Mathew
Score (points)	34	−12	−1	40

1) Who scored the maximum points? _____

2) How many students scored negative points? _____

Name : _____ Score : _____

Comparing Integers

Sheet 2

A) Circle the greatest integer.

1) 35 , –73 , –40 , –11

2) –27 , –89 , –14 , –63

3) 53 , 86 , –28 , –67

4) –75 , 0 , 22 , 48

5) –16 , –95 , 67 , 8

6) 94 , 55 , 61 , 32

B) Circle the smallest integer.

1) 88 , 61 , 23 , 42

2) –24 , 98 , 37 , –54

3) –11 , 38 , –9 , –91

4) 60 , 15 , –3 , 75

5) 58 , –72 , 86 , 17

6) –6 , –89 , –45 , –68

C) Janice weighs 167 pounds. She goes on a low-carb diet to lose weight. The following data records her change in weight over a 4 month period.

Month	January	February	March	April
Gain and Loss (pounds)	–8	–4	–3	–5

1) In which month did Janice lose the maximum weight? _____

2) How many pounds did she lose at the end of the four month period? _____

D) The minimum average temperatures (degree centigrade) for Munich from January to April is recorded and tabulated below.

Time	January	February	March	April
Temperature (ºC)	–4	–3	0	3

1) List the months that recorded subzero temperatures. _____

2) Which month recorded the warmest temperature? _____

Name : _____ Score : _____

Comparing Integers

Sheet 3

A) Circle the greatest integer.

1) 82 , −28 , −53 , 94

2) −32 , 15 , 69 , 81

3) −10 , −72 , 33 , −66

4) 74 , 46 , 27 , 58

5) 49 , 51 , −97 , −18

6) −65 , −90 , −2 , −17

B) Circle the smallest integer.

1) −63 , −54 , 35 , −39

2) −41 , −30 , 52 , −19

3) −87 , −70 , 28 , 41

4) 14 , 78 , 47 , −29

5) 65 , 92 , 12 , 34

6) −96 , 37 , 85 , −93

C) A submarine descends underwater for a search and rescue operation. The following data shows the various changes in ascents and descents made by the submarine in one day.

Time	11a.m.	1p.m.	4p.m.	6p.m.
Depth (feet)	−205	−320	−420	−111

1) At what time did the submarine make its lowest descent? _____

2) How deep was the submarine at 6p.m.? Was it the lowest point the submarine touched? _____

D) Peter collected the melting points of various elements from his Science book. The data below represents the elements and their respective melting points.

Element	Sulfur	Potassium	Clorine	Radon
Melting point (ºC)	115	64	−101	−71

1) How many elements have positive melting points? _____

2) Which element recorded the highest melting point? _____

Name : _____ Score : _____

Ordering Integers

Sheet 1

A) Order each set of integers from least to greatest.

1) 98, 5, 46, 19, 77, 24 _____

2) 56, –47, –11, 38, –62, –83 _____

3) –17, –71, 90, –25, –54, –39 _____

4) –31, –64, –95, –58, –82, –9 _____

5) 26, –91, 0, –13, 67, –55 _____

B) Order each set of integers from greatest to least.

1) –66, 82, –41, 8, 50, 32 _____

2) –70, –10, –84, –51, –23, –36 _____

3) 81, 68, 21, –18, 72, 94 _____

4) 2, 48, 37, 85, 53, 62 _____

5) 11, 62, –1, –74, 33, –99 _____

C) The following table represents the average temperature for 6 cities in the month of January. Order the cities from the coldest to the warmest temperatures.

City	Boston	Arizona	Winnipeg	Oymyakon	Las Vegas	New Delhi
Temperature (^{0}F)	29	54	–9	–50	47	45

_____

Name : _____ Score : _____

Ordering Integers

Sheet 2

A) Order each set of integers from least to greatest.

1) –25, 31, 96, 44, 63, –44 _____

2) –7, –49, 0, –67, –10, –50 _____

3) 28, 10, 15, –33, –80, –56 _____

4) 70, 22, 16, 3, 41, 89 _____

5) 96, –16, 13, 59, 35, 61 _____

B) Order each set of integers from greatest to least.

1) –26, –57, 90, –4, –20, –35 _____

2) 1, 87, 71, 30, 69, 55 _____

3) –12, –92, –75, –8, –48, –61 _____

4) –2, 27, 89, –46, 34, –15 _____

5) 91, –40, 40, –21, –69, –53 _____

C) The table below represents the average surface temperature of different planets. Order the planets from the warmest to the coldest temperatures.

Planet	Uranus	Mars	Venus	Mercury
Average Temperature (^{0}F)	–322	–124	850	869

_____

Name : _____ Score : _____

Ordering Integers

Sheet 3

A) Order each set of integers from least to greatest.

1) –43, –6, –28, –19, –94, –31 _____

2) 52, 14, 45, 89, 66, 73 _____

3) –60, 39, –86, –72, 54, 20 _____

4) 97, –75, –37, 80, –90, –53 _____

5) 58, 7, –90, 65, 23, 12 _____

B) Order each set of integers from greatest to least.

1) 18, –22, 4, –93, 78, –9 _____

2) –65, 29, –5, 0, 57, 96 _____

3) –59, –14, –85, 60, –42, –72 _____

4) –3, –89, –78, –27, –60, –16 _____

5) 14, 99, 47, 12, 36, 51 _____

C) The melting points of various elements are given in the table below. Order the elements from the highest to the lowest melting points.

Element	Chlorine	Zinc	Hydrogen	Sodium	Nitrogen
Melting point (^{0}F)	–150	787	–434	207	–346

_____

Name : _____ Score : _____

Comparing Integers

L2S1

Compare each pair of integers using the symbols >, < or =.

1) –21 ☐ –21

2) 75 ☐ –84

3) 14 ☐ –7

4) –91 ☐ 65

5) 74 ☐ 35

6) –12 ☐ –12

7) –92 ☐ 63

8) 83 ☐ 48

9) 86 ☐ 86

10) 59 ☐ –59

11) –45 ☐ –14

12) –20 ☐ 76

13) –54 ☐ 98

14) 42 ☐ 37

15) 34 ☐ –79

16) –66 ☐ –23

Name : _____ Score : _____

Comparing Integers

L2S2

Compare each pair of integers using the symbols >, < or =.

1) –68 ☐ 72

2) –98 ☐ 39

3) 24 ☐ 37

4) 75 ☐ 75

5) 9 ☐ –99

6) –52 ☐ 87

7) –43 ☐ –43

8) 65 ☐ 21

9) 17 ☐ –58

10) –19 ☐ –8

11) –38 ☐ 85

12) 46 ☐ –16

13) 80 ☐ –26

14) –10 ☐ –62

15) –59 ☐ –11

16) 54 ☐ 54

Name : _____ Score : _____

Comparing Integers

L2S3

Compare each pair of integers using the symbols >, < or =.

1) 32 ☐ −97

2) −9 ☐ 41

3) 20 ☐ 20

4) −88 ☐ 36

5) −66 ☐ −65

6) 8 ☐ 0

7) −2 ☐ 13

8) −75 ☐ −75

9) 89 ☐ 39

10) 16 ☐ −94

11) 91 ☐ −72

12) 63 ☐ 63

13) −48 ☐ 48

14) 92 ☐ −59

15) −51 ☐ −51

16) −37 ☐ −17

Name : _____ Score : _____

Comparing Integers

L2S4

Compare each pair of integers using the symbols >, < or =.

1) 36 ☐ 36

2) −25 ☐ −23

3) −91 ☐ 90

4) 56 ☐ −5

5) −14 ☐ −15

6) 71 ☐ 71

7) 78 ☐ −66

8) −42 ☐ 34

9) −1 ☐ −1

10) 83 ☐ 61

11) −25 ☐ 25

12) −40 ☐ −52

13) 67 ☐ 0

14) 80 ☐ 80

15) −34 ☐ 99

16) 53 ☐ −77

Name : _____ Score : _____

Comparing Integers

L2S5

Compare each pair of integers using the symbols >, < or =.

1) –87 ☐ –15

2) 76 ☐ 72

3) 40 ☐ –51

4) –2 ☐ –2

5) 55 ☐ 55

6) –1 ☐ 0

7) –84 ☐ 92

8) –80 ☐ –80

9) 62 ☐ –67

10) –41 ☐ 38

11) 54 ☐ 12

12) 47 ☐ –47

13) 89 ☐ 89

14) –35 ☐ 25

15) –95 ☐ –59

16) 68 ☐ –69

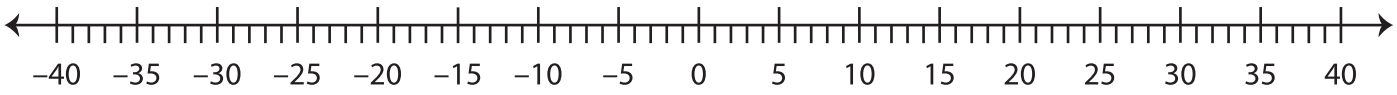
Name : _____ Score : _____

Number Line - Integers

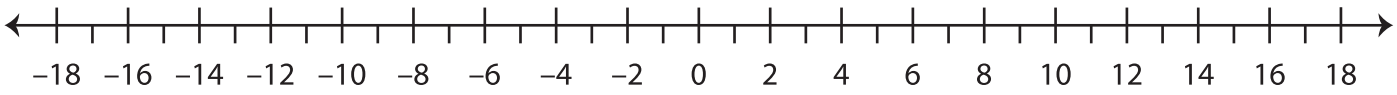
MS1

A) Mark the integers on the number line.

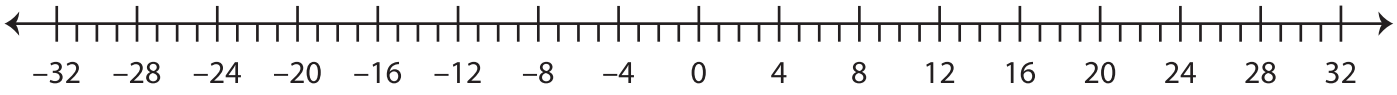
1) a) 16 b) −35 c) 4 d) −28



2) a) −3 b) −12 c) 15 d) 8



B) Answer the questions using the number line below.



1) 12 units to the right of 10 is _____

2) 7 units to the left of −23 is _____

3) 5 units to the right of −4 is _____

4) 20 units to the left of 16 is _____

5) 15 units to the right of 0 is _____

6) 2 units to the right of −27 is _____

7) 18 units to the left of 31 is _____

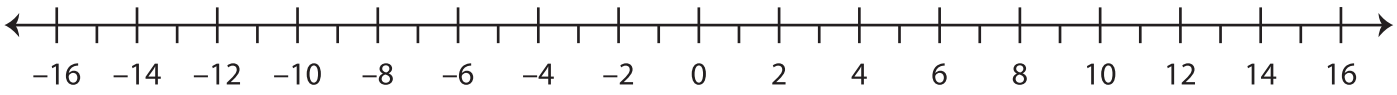
Name : _____ Score : _____

Number Line - Integers

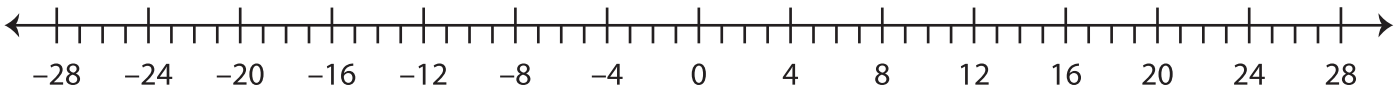
MS2

A) Mark the integers on the number line.

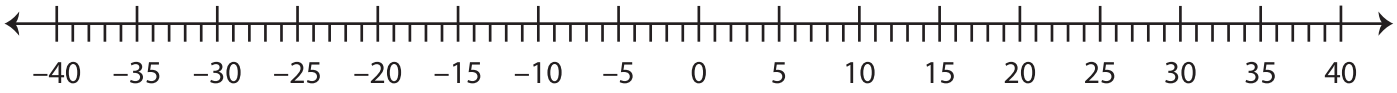
1) a) –1 b) 9 c) –14 d) –7



2) a) 28 b) 17 c) –23 d) 6



B) Answer the questions using the number line below.



1) 9 units to the left of –15 is _____

2) 16 units to the right of –37 is _____

3) 4 units to the left of 40 is _____

4) 8 units to the right of –7 is _____

5) 22 units to the left of 24 is _____

6) 35 units to the left of 1 is _____

7) 6 units to the right of –20 is _____

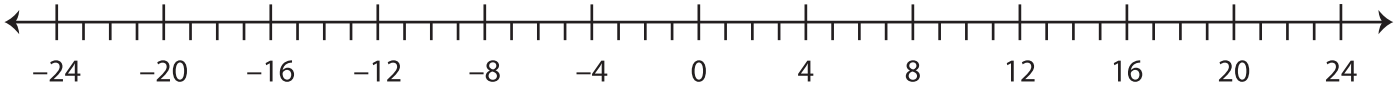
Name : _____ Score : _____

Number Line - Integers

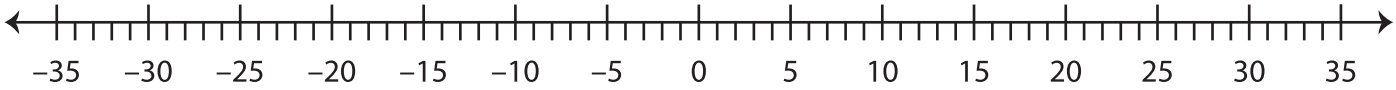
MS3

A) Mark the integers on the number line.

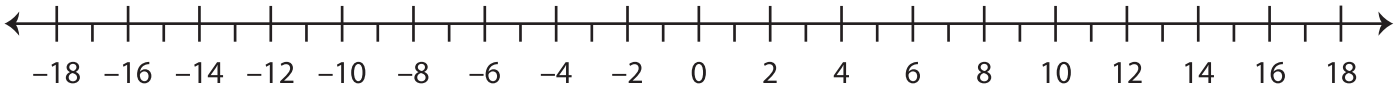
1) a) 2 b) 20 c) –5 d) –11



2) a) 25 b) –19 c) 31 d) –13



B) Answer the questions using the number line below.



1) 3 units to the right of 9 is _____

2) 11 units to the left of 11 is _____

3) 1 unit to the left of –13 is _____

4) 19 units to the left of 4 is _____

5) 10 units to the right of –18 is _____

6) 7 units to the right of –6 is _____

7) 21 units to the left of 17 is _____

Name : _____ Score : _____

Opposite Integers

Sheet 1

A) Write the opposite value of each integer.

1) Opposite of 12 _____

2) Opposite of –25 _____

3) Opposite of –99 _____

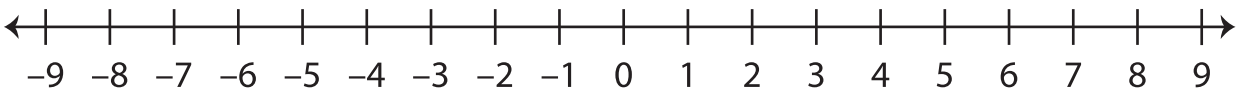
4) Opposite of 4 _____

5) Opposite of 36 _____

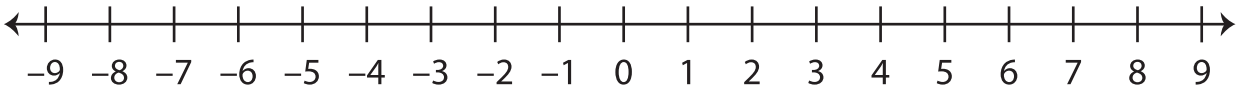
6) Opposite of –57 _____

B) Mark each integer given below and its opposite value on the number line.

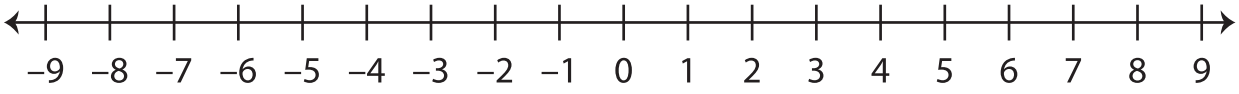
1) 2



2) –5



3) 1



C) Evaluate each expression.

1) Opposite of –(–24) _____

2) Opposite of +(–8) _____

3) Opposite of +(+15) _____

4) Opposite of –(+33) _____

5) Opposite of +(–40) _____

6) Opposite of –(–6) _____

Name : _____ Score : _____

Opposite Integers

Sheet 2

A) Write the opposite value of each integer.

1) Opposite of –31 _____

2) Opposite of 14 _____

3) Opposite of 23 _____

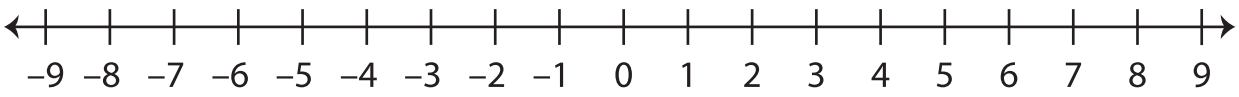
4) Opposite of –42 _____

5) Opposite of –1 _____

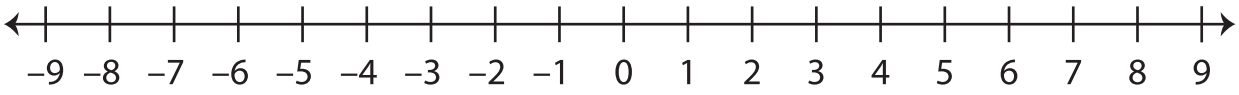
6) Opposite of 69 _____

B) Mark each integer given below and its opposite value on the number line.

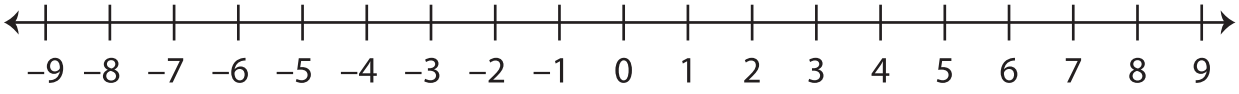
1) –6



2) 4



3) –9



C) Evaluate each expression.

1) Opposite of +(–37) _____

2) Opposite of –(–41) _____

3) Opposite of –(–16) _____

4) Opposite of +(+5) _____

5) Opposite of –(+54) _____

6) Opposite of –(+22) _____

Name : _____ Score : _____

Opposite Integers

Sheet 3

A) Write the opposite value of each integer.

1) Opposite of –86 _____

2) Opposite of –53 _____

3) Opposite of –30 _____

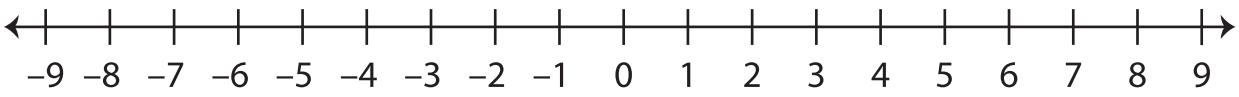
4) Opposite of 71 _____

5) Opposite of 2 _____

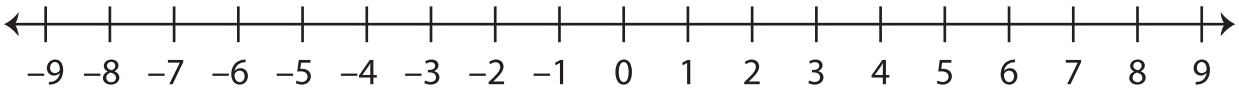
6) Opposite of 28 _____

B) Mark each integer given below and its opposite value on the number line.

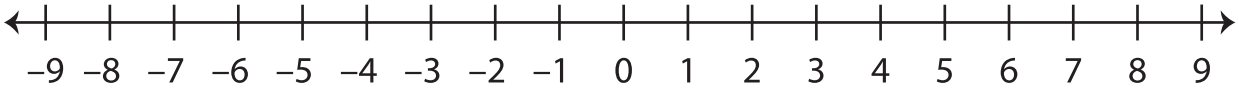
1) 7



2) 3



3) –8



C) Evaluate each expression.

1) Opposite of +(+90) _____

2) Opposite of +(–11) _____

3) Opposite of +(–29) _____

4) Opposite of –(–56) _____

5) Opposite of –(–78) _____

6) Opposite of +(+35) _____

Name : _____ Score : _____

Ordering Numbers

Integers: S1

Compare and order the numbers.

1) 32 18 45 −25 −32

□ < □ < □ < □ < □

2) −11 87 62 −28 54

□ > □ > □ > □ > □

3) 43 −27 34 9 −58

□ < □ < □ < □ < □

4) −39 −8 46 59 35

□ > □ > □ > □ > □

5) −24 −75 16 35 −12

□ < □ < □ < □ < □

6) 15 57 −19 −46 −5

□ > □ > □ > □ > □

Name : _____ Score : _____

Ordering Numbers

Integers: S2

Compare and order the numbers.

1) −67 10 −53 49 −38

□ > □ > □ > □ > □

2) 13 4 −72 36 −65

□ > □ > □ > □ > □

3) −25 42 29 −34 −21

□ < □ < □ < □ < □

4) 85 −21 −6 7 37

□ < □ < □ < □ < □

5) −47 −13 45 76 −30

□ > □ > □ > □ > □

6) 64 57 −44 −16 −26

□ < □ < □ < □ < □

Name : _____ Score : _____

Ordering Numbers

Integers: S3

Compare and order the numbers.

1) 79 43 −14 −28 65

□ < □ < □ < □ < □

2) −17 39 −2 −52 31

□ < □ < □ < □ < □

3) 85 93 −65 50 −46

□ > □ > □ > □ > □

4) −12 3 −25 18 29

□ > □ > □ > □ > □

5) 63 −47 38 14 −38

□ < □ < □ < □ < □

6) −51 45 −84 73 −24

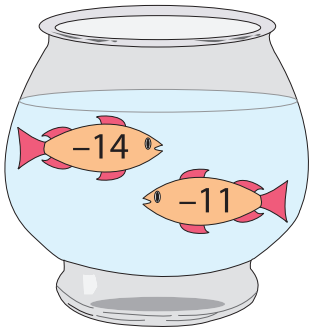
□ > □ > □ > □ > □

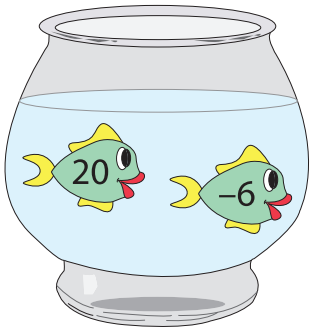
Name : _____ Score : _____

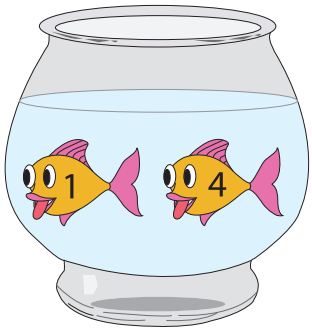
Comparing Integers

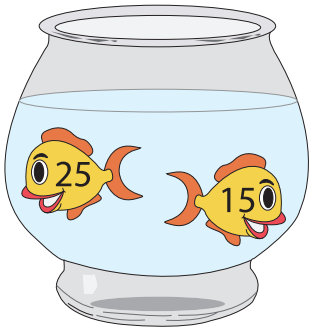
Sheet 1

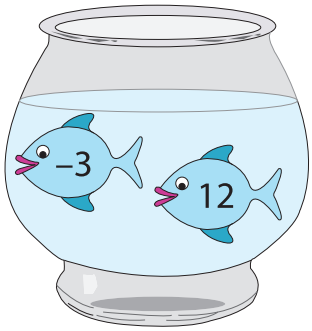
A) Circle the greater integer in each fish bowl.

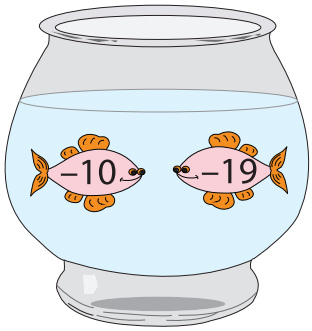
1) 

2) 

3) 

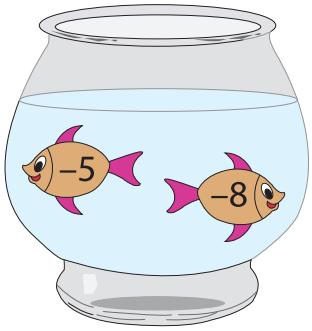
4) 

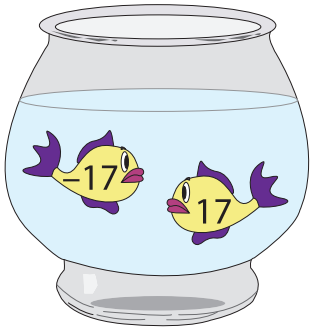
5) 

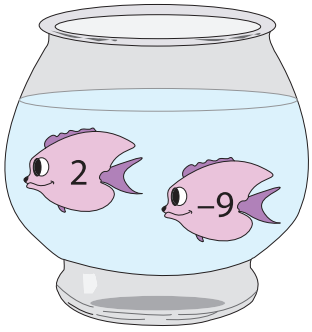
6) 

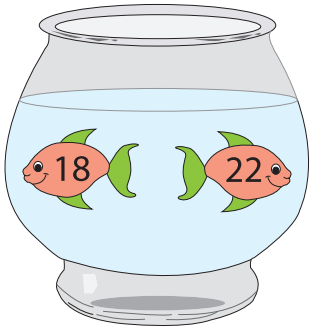
B) Circle the smaller integer in each fish bowl.

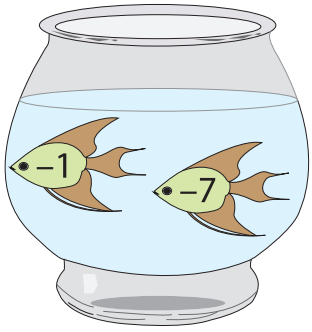
1) 

2) 

3) 

4) 

5) 

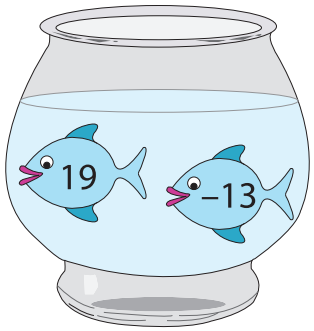
6) 

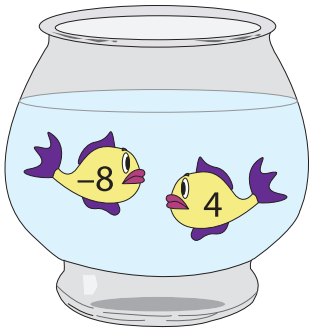
Name : _____ Score : _____

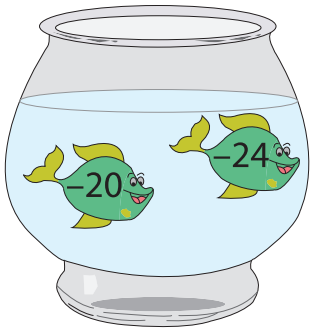
Comparing Integers

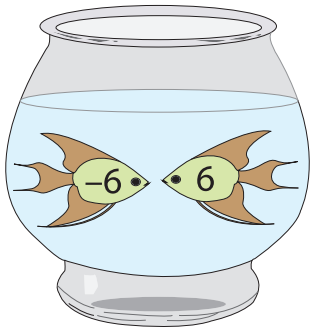
Sheet 2

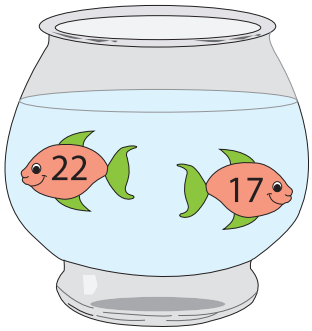
A) Circle the greater integer in each fish bowl.

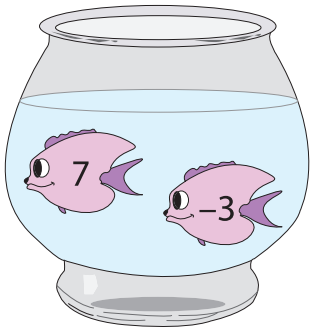
1) 

2) 

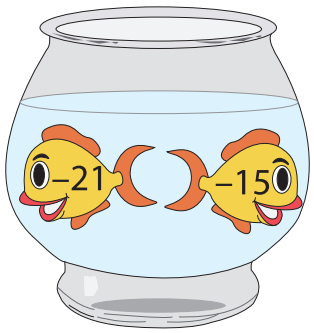
3) 

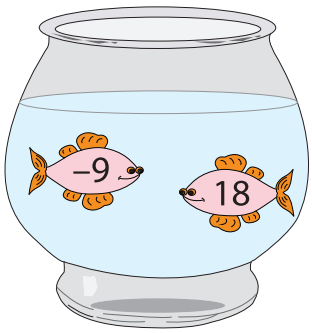
4) 

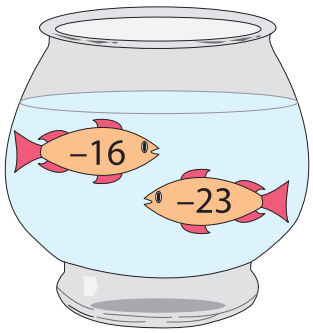
5) 

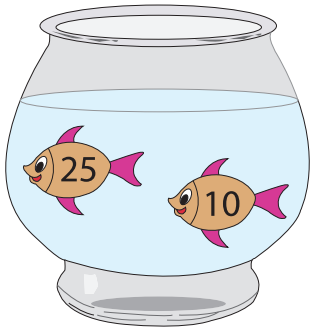
6) 

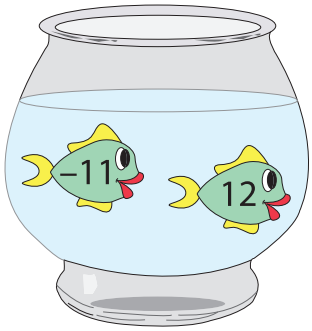
B) Circle the smaller integer in each fish bowl.

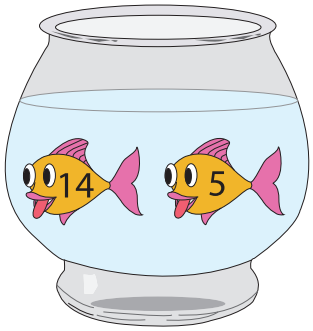
1) 

2) 

3) 

4) 

5) 

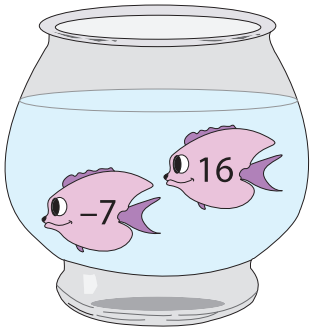
6) 

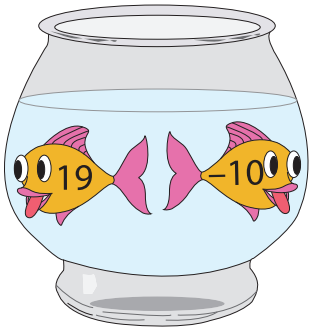
Name : _____ Score : _____

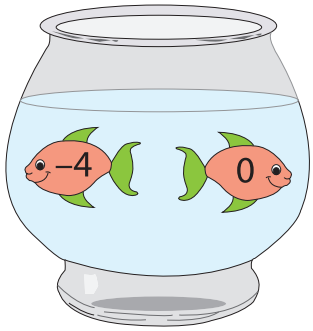
Comparing Integers

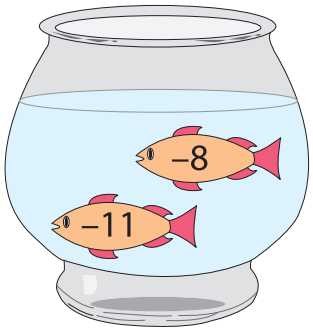
Sheet 3

A) Circle the greater integer in each fish bowl.

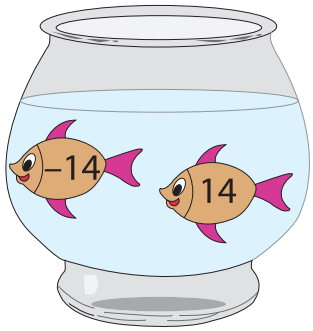
1) 

2) 

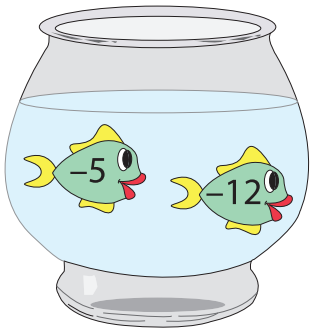
3) 

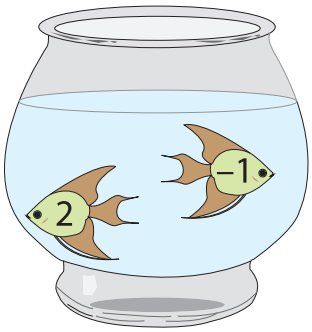
4) 

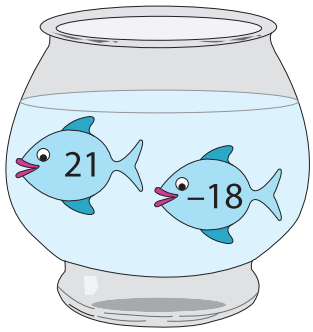
5) 

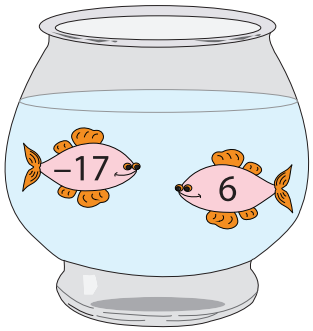
6) 

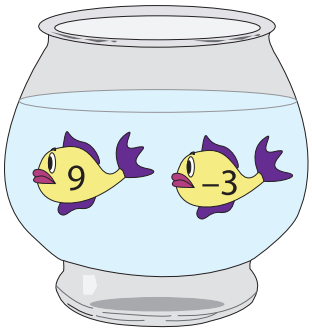
B) Circle the smaller integer in each fish bowl.

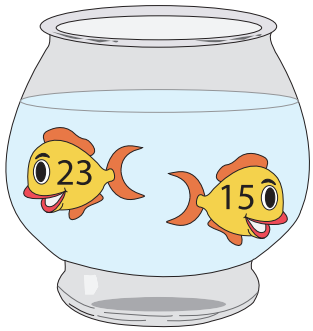
1) 

2) 

3) 

4) 

5) 

6) 

Name : _____ Score : _____

Integers

Sheet 1

A) Write the opposite value of each integer.

1) Opposite of –51 _____

2) Opposite of 9 _____

3) Opposite of 32 _____

4) Opposite of –74 _____

5) Opposite of –6 _____

6) Opposite of 20 _____

7) Opposite of 83 _____

8) Opposite of –18 _____

B) Write the absolute value of each integer.

1) $|-13|$ _____

2) $-|-37|$ _____

3) $-|-91|$ _____

4) $|52|$ _____

5) $|16|$ _____

6) $-|88|$ _____

7) $-|45|$ _____

8) $|-7|$ _____

C) Compare using the symbols <, > or =.

1) Absolute value of –34 ☐ Opposite of $|17|$

2) Opposite of –25 ☐ Absolute value of –25

3) Opposite of 11 ☐ Opposite of 14

4) Absolute value of 40 ☐ Absolute value of –85

Name : _____ Score : _____

Integers

Sheet 2

A) Write the opposite value of each integer.

1) Opposite of 95 _____

2) Opposite of 58 _____

3) Opposite of –2 _____

4) Opposite of –21 _____

5) Opposite of 34 _____

6) Opposite of 47 _____

7) Opposite of –19 _____

8) Opposite of –76 _____

B) Write the absolute value of each integer.

1) $-|82|$ _____

2) $|10|$ _____

3) $|36|$ _____

4) $-|25|$ _____

5) $-|-51|$ _____

6) $|-4|$ _____

7) $|-19|$ _____

8) $-|-63|$ _____

C) Compare using the symbols <, > or =.

1) Absolute value of 60 ☐ Absolute value of –60

2) Opposite of $|-57|$ ☐ Opposite of –29

3) Opposite of 30 ☐ Absolute value of 82

4) Absolute value of –3 ☐ Opposite of $|-1|$

Name : _____ Score : _____

Integers

Sheet 3

A) Write the opposite value of each integer.

1) Opposite of 28 _____

2) Opposite of –82 _____

3) Opposite of –43 _____

4) Opposite of 7 _____

5) Opposite of 79 _____

6) Opposite of –16 _____

7) Opposite of –94 _____

8) Opposite of 65 _____

B) Write the absolute value of each integer.

1) $|93|$ _____

2) $|-59|$ _____

3) $-|11|$ _____

4) $-|-5|$ _____

5) $|-70|$ _____

6) $-|62|$ _____

7) $-|-1|$ _____

8) $|48|$ _____

C) Compare using the symbols <, > or =.

1) Opposite of $|38|$ ☐ Opposite of –38

2) Absolute value of 2 ☐ Opposite of –4

3) Absolute value of –76 ☐ Absolute value of 65

4) Opposite of –13 ☐ Absolute value of –13

Name : _____ Score : _____

Comparing Integers

Sheet 1

A) The following average temperatures have been recorded across eight cities in the state of Michigan for the month of January from 1981 - 2010.

City	Mt.Pleasant	Houghton Lake	Benton Harbor	Iron Mountain	Battle Creek	Detroit	Cadillac	Dearborn
Temperature (^{0}C)	–11	–13	1	–15	6	2	–9	–1

Answer the following questions based on the data given above:

1) Which city recorded the warmest average temperature for the month of January?

_____

2) Which city recorded a cooler average temperature in January - Cadillac or Dearborn?

_____

3) List three cities that recorded relatively warmer average temperatures in January.

_____

4) The cities that recorded average temperatures between –9^{0}C and 6^{0}C are

_____

5) Which cities recorded subzero temperatures?

_____

6) Houghton Lake recorded the lowest average temperature in January. True or False? If false, support your answer.

_____

Name : _____ Score : _____

Comparing Integers

Sheet 2

B) Angeline analyzes the physical properties of a few elements. She notes the boiling points of these elements and tabulates the data. Read the data and answer the following questions.

Element	Oxygen	Nitrogen	Hydrogen	Iodine	Phosphorus
Boiling point (^{0}C)	–183	–196	–253	184	280

Answer the following questions based on the data given above:

1) Find the element that has lowest boiling point.

_____

2) Which element recorded the highest boiling point?

_____

3) Iodine has the highest boiling point. If false, support your answer.

_____

4) What is the difference in temperature between the boiling points of Iodine and Nitrogen?

_____

5) Oxygen has a lower boiling point than Nitrogen. If false, support your answer.

_____

6) List the elements whose temperatures range between –196^{0}C and 280^{0}C.

_____

Name : _____ Score : _____

Comparing Integers

Sheet 3

C) The following data represents the elevations of a few cities in the USA that are located both above and below sea level.

City	New Orleans	El Centro	Heber	Long Beach	Miami
Sea level (feet)	–7	–39	–16	37	30

Answer the following questions based on the data given above:

1) How many cities are located above the sea level?

_____

2) List the cities situated below sea level.

_____

3) What is the difference in elevation between Miami and New Orleans?

_____

4) Which city has an elevation in the range of –16 ft to 30 ft?

_____

5) Find the difference in altitude between the cities that have the highest and lowest elevation.

_____

6) Long Beach is 19 ft higher in elevation than Heber. If false, support your answer.

_____

Name : _____ Score : _____

Ordering Numbers

Sheet 1

A) Write each set of numbers in the correct order from least to greatest.

1)	−16	−45	33	7	−9					
2)	23	−78	−2	18	−5					
3)	44	−56	28	32	−19					
4)	−25	−6	−74	−69	−8					
5)	78	66	−2	4	−12					

B) Write each set of numbers in the correct order from greatest to least.

1)	56	−41	1	−10	70					
2)	39	−26	50	9	−7					
3)	−23	−2	−15	−80	−3					
4)	18	−45	63	−75	−34					
5)	−97	85	51	2	−6					

Name : _____ Score : _____

Ordering Numbers

Sheet 2

A) Write each set of numbers in the correct order from least to greatest.

1)	36	69	5	−3	−19					
2)	58	−34	7	−11	−6					
3)	−8	−25	−33	−3	−1					
4)	76	−64	29	−16	18					
5)	51	4	−22	2	−10					

B) Write each set of numbers in the correct order from greatest to least.

1)	74	−1	−32	8	44					
2)	−87	−5	−92	−7	−77					
3)	32	41	−51	38	−94					
4)	65	−72	88	−3	−2					
5)	−32	−69	9	1	38					

Name : _____ Score : _____

Ordering Numbers

Sheet 3

A) Write each set of numbers in the correct order from least to greatest.

1)	3	−8	66	16	−26	☐ ☐ ☐ ☐ ☐
2)	42	−43	4	10	−7	☐ ☐ ☐ ☐ ☐
3)	−3	−52	−27	−8	−12	☐ ☐ ☐ ☐ ☐
4)	−55	−44	4	−5	99	☐ ☐ ☐ ☐ ☐
5)	79	61	−32	−34	−16	☐ ☐ ☐ ☐ ☐

B) Write each set of numbers in the correct order from greatest to least.

1)	−39	−27	−43	−71	−64	☐ ☐ ☐ ☐ ☐
2)	2	5	−29	89	−22	☐ ☐ ☐ ☐ ☐
3)	−73	3	−91	4	−36	☐ ☐ ☐ ☐ ☐
4)	38	−19	6	7	−61	☐ ☐ ☐ ☐ ☐
5)	24	92	−8	−2	79	☐ ☐ ☐ ☐ ☐

Name : _____ Score : _____

Comparing Integers

L1S1

Compare each pair of integers using the symbols >, < or =.

1) 13 ☐ 9

2) −2 ☐ −2

3) −1 ☐ 10

4) 17 ☐ −11

5) −14 ☐ −14

6) −8 ☐ 8

7) −7 ☐ 15

8) 0 ☐ −5

9) 19 ☐ −6

10) 16 ☐ 20

11) 12 ☐ 12

12) −3 ☐ −4

13) 6 ☐ −17

14) 18 ☐ 18

15) −16 ☐ −13

16) −19 ☐ 11

Name : _____ Score : _____

Comparing Integers

L1S2

Compare each pair of integers using the symbols >, < or =.

1) −20 ☐ −20

2) −3 ☐ 1

3) 18 ☐ −12

4) −11 ☐ −7

5) −1 ☐ 8

6) 3 ☐ −16

7) 19 ☐ 11

8) 5 ☐ 5

9) −15 ☐ 10

10) −18 ☐ −19

11) 7 ☐ −14

12) 12 ☐ 15

13) 16 ☐ 16

14) 4 ☐ −9

15) −6 ☐ −17

16) −13 ☐ 13

Name : _____ Score : _____

Comparing Integers

L1S3

Compare each pair of integers using the symbols >, < or =.

1) −17 ☐ 11

2) 20 ☐ −2

3) 10 ☐ 10

4) −1 ☐ 16

5) 3 ☐ −5

6) −18 ☐ −18

7) −19 ☐ −14

8) 15 ☐ 17

9) 12 ☐ 7

10) 13 ☐ 14

11) 9 ☐ −4

12) −11 ☐ 5

13) −6 ☐ 18

14) −7 ☐ −7

15) −8 ☐ −15

16) 19 ☐ −9

Name : _____ Score : _____

Comparing Integers

L1S4

Compare each pair of integers using the symbols >, < or =.

1) 1 ☐ 8

2) 2 ☐ −6

3) 15 ☐ 10

4) −8 ☐ −8

5) 0 ☐ −7

6) −13 ☐ 11

7) −2 ☐ 4

8) 5 ☐ −5

9) −6 ☐ −6

10) −12 ☐ 17

11) 4 ☐ −9

12) −15 ☐ −15

13) 3 ☐ 3

14) −16 ☐ 11

15) −17 ☐ −14

16) 20 ☐ 18

Name : _____ Score : _____

Comparing Integers

L1S5

Compare each pair of integers using the symbols >, < or =.

1) 3 ☐ −5

2) 0 ☐ 17

3) 15 ☐ 15

4) −8 ☐ 7

5) 14 ☐ 18

6) 9 ☐ −3

7) 4 ☐ −4

8) −10 ☐ −1

9) −16 ☐ 20

10) −13 ☐ −13

11) −12 ☐ −12

12) 1 ☐ −5

13) 2 ☐ 13

14) 11 ☐ −8

15) −7 ☐ −9

16) −2 ☐ 1

Name : _____ Score : _____

Number Line - Missing Integers

Sheet 1

Fill in the missing integers in each number line.

1)

2)

3)

4)

5)

6)

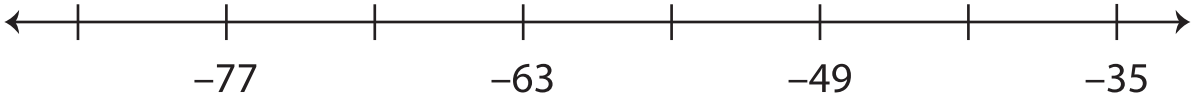
7)

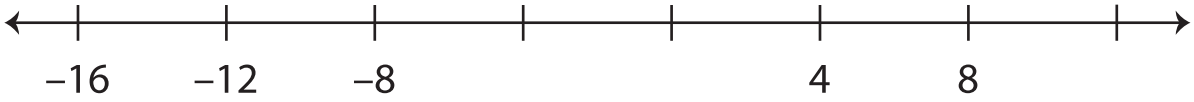
Name : _____ Score : _____

Number Line - Missing Integers

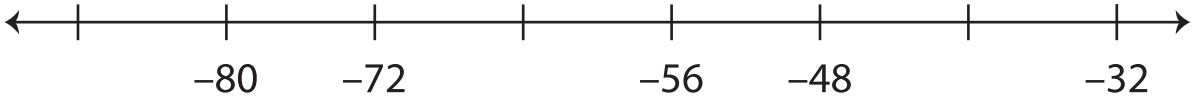
Sheet 2

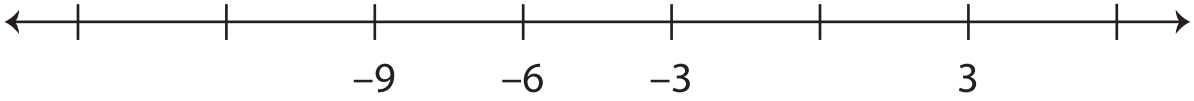
Fill in the missing integers in each number line.

1) 

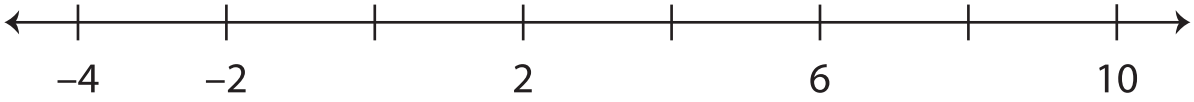
2) 

3) 

4) 

5) 

6) 

7) 

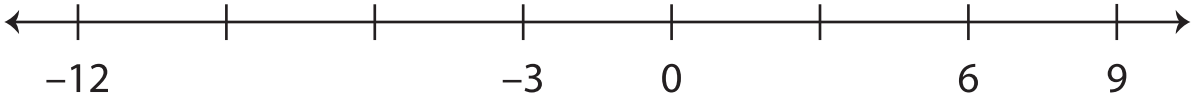
Name : _____ Score : _____

Number Line - Missing Integers

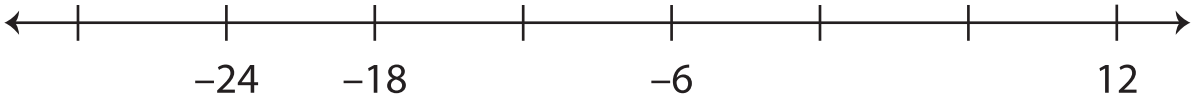
Sheet 3

Fill in the missing integers in each number line.

1)

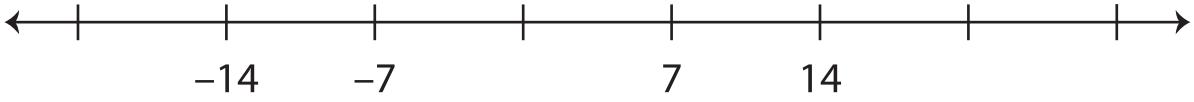


2)

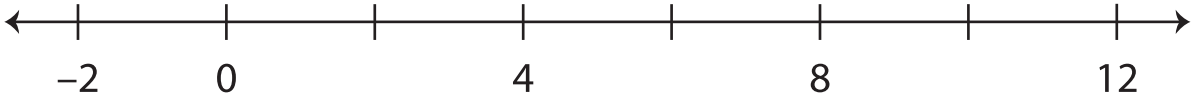


3)

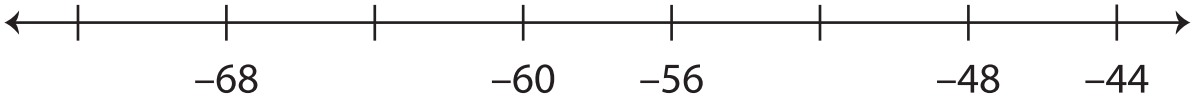
4)



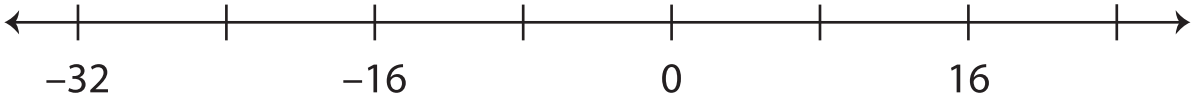
5)



6)



7)



Name : _____ Score : _____

Integers - MCQ

Sheet 1

1) Which integer is greater than –5?

a) –7 b) –1 c) –9 d) –11

2) How many integers are there between –8 and 2?

a) 7 b) 4 c) 0 d) 9

3) What is the opposite value of the integer 6?

a) –6 b) 5 c) 6 d) –4

4) Identify the integer that is less than –3.

a) 0 b) –1 c) –4 d) 2

5) Which of the following integers is greater than –1 and lesser than 7?

a) –9 b) 5 c) –5 d) 8

6) How many pairs of opposite integers are there between –4 and 5?

a) 3 b) 8 c) 2 d) 6

7) The following data shows the changes in temperatures across various cities from morning to noon. Which city recorded the maximum temperature?

a) 20^0C Atlanta b) 13^0C Chicago c) 12^0C Boston d) 25^0C Houston

Name : _____ Score : _____

Integers - MCQ

Sheet 2

1) Which of the following is the lowest integer?

a) –2 b) 0 c) –5 d) –3

2) What is the opposite value of –4?

a) 4 b) –3 c) 0 d) –4

3) Which of the following integers is lesser than 9 and greater than –5?

a) –7 b) –5 c) –9 d) 8

4) How many integers are there between –1 and 1?

a) 3 b) 1 c) 4 d) 2

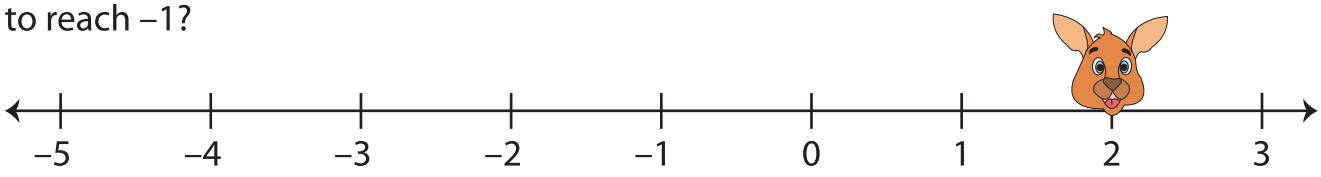
5) How many pairs of opposite integers are there between –7 and 8?

a) 6 b) 4 c) 3 d) 5

6) What is the absolute value of –2?

a) 0 b) –1 c) 2 d) –2

7) If the kangaroo is at 2 on the number line, in which direction would it jump to reach –1?



a) down b) left c) right d) up

Name : _____ Score : _____

Integers - MCQ

Sheet 3

1) On the number line, which integer lies to the immediate right of –2?

a) –3 b) 2 c) 1 d) –1

2) What is the absolute value of 9?

a) 7 b) –9 c) 9 d) 0

3) Identify the integer that is less than 7.

a) 9 b) –7 c) 8 d) 7

4) Which of the following is the highest integer?

a) 6 b) –1 c) –9 d) 5

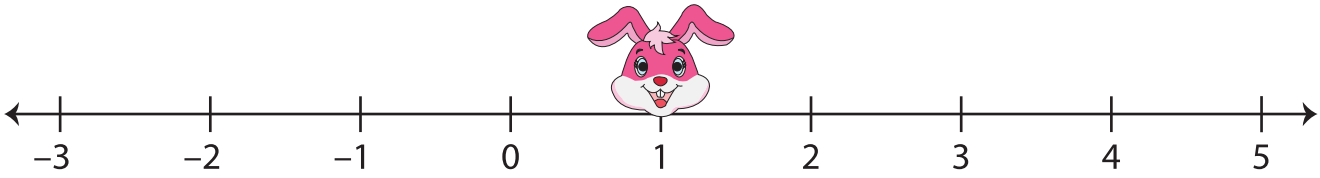
5) How many integers are there between –5 and 4?

a) 4 b) 10 c) 8 d) 6

6) Identify the integer greater than –6?

a) –8 b) –9 c) –7 d) –3

7) If the bunny is at 1 on the number line, in which direction would it hop to reach 4?

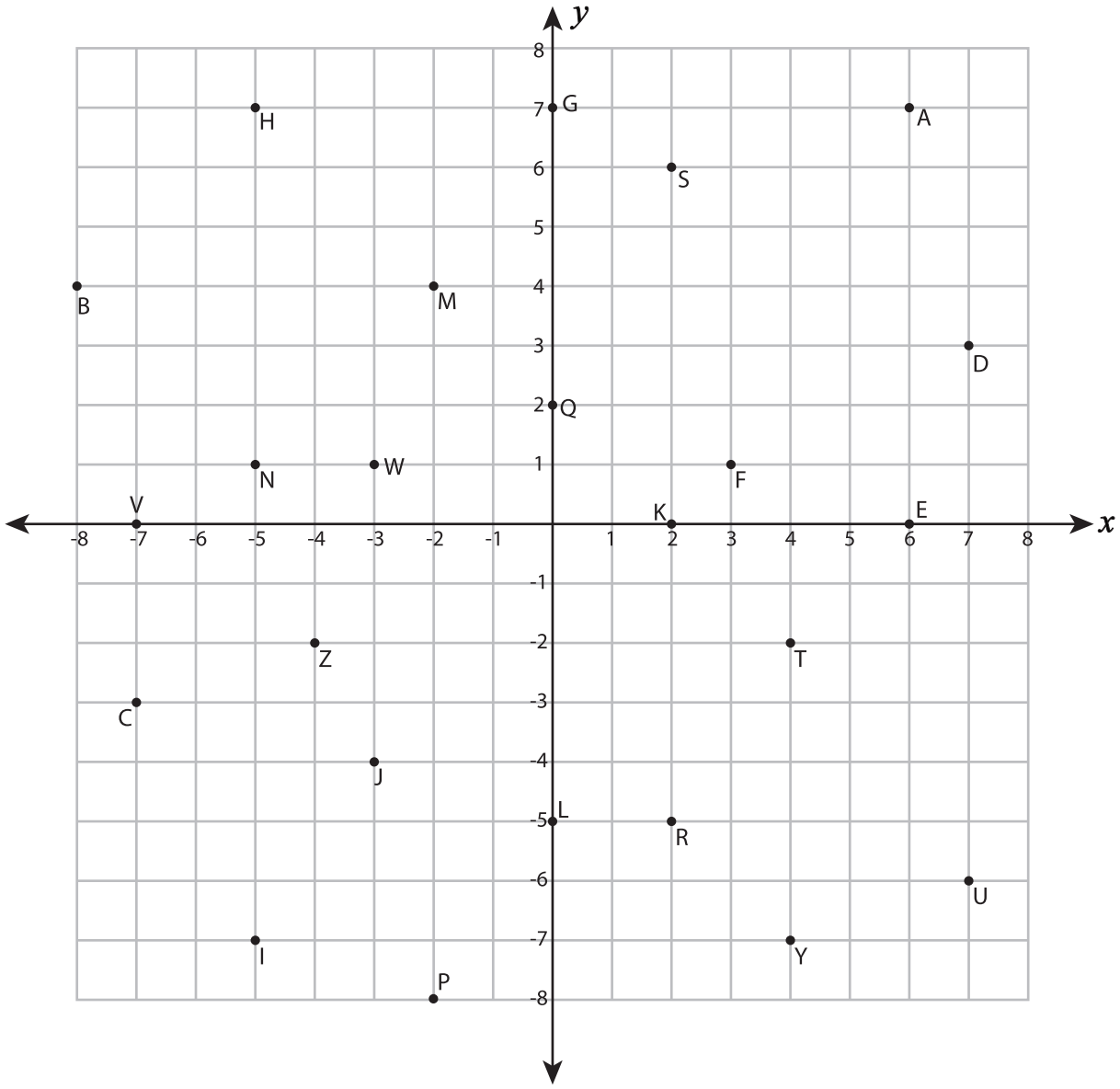


a) right b) up c) down d) left

Name : _____

Quadrants & Axes

Grid: S1



Write the points belong to each quadrant or axis.

I - quadrant : _____

II - quadrant : _____

III - quadrant : _____

IV - quadrant : _____

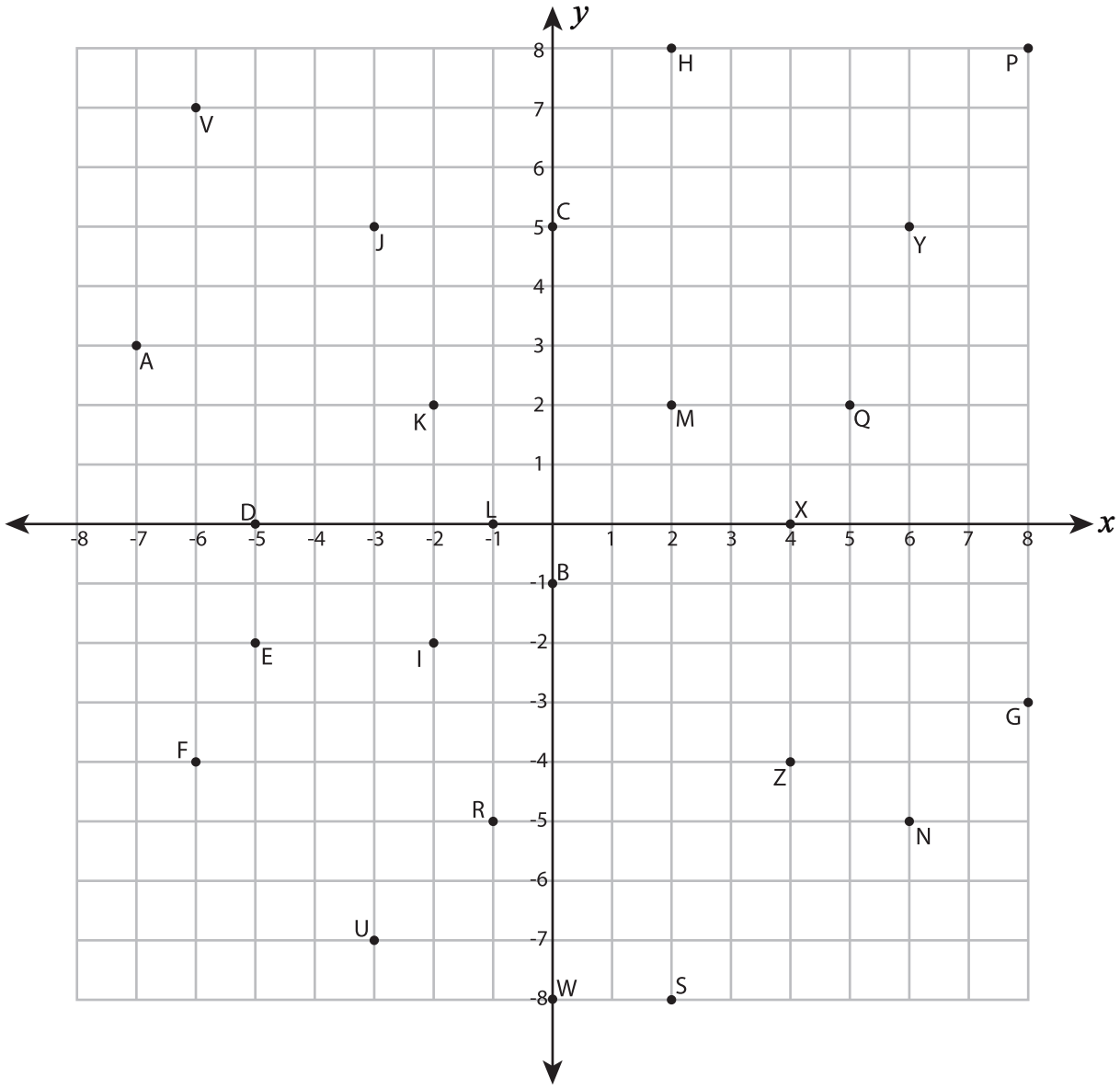
On x-axis : _____

On y-axis : _____

Name : _____

Quadrants & Axes

Grid: S2



Write the points belong to each quadrant or axis.

I - quadrant : _____

II - quadrant : _____

III - quadrant : _____

IV - quadrant : _____

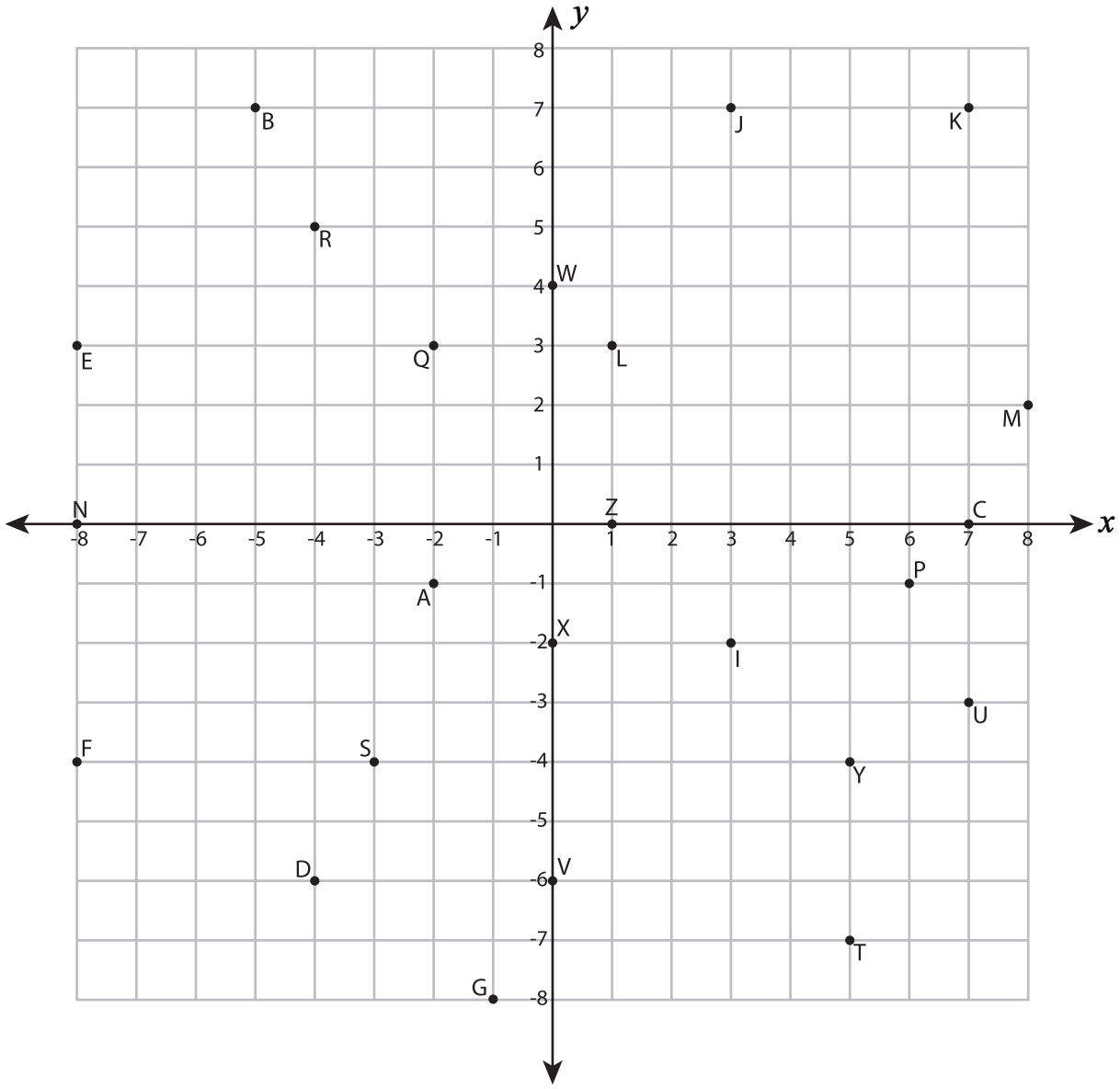
On x-axis : _____

On y-axis : _____

Name : _____

Quadrants & Axes

Grid: S3



Write the points belong to each quadrant or axis.

I - quadrant : _____

II - quadrant : _____

III - quadrant : _____

IV - quadrant : _____

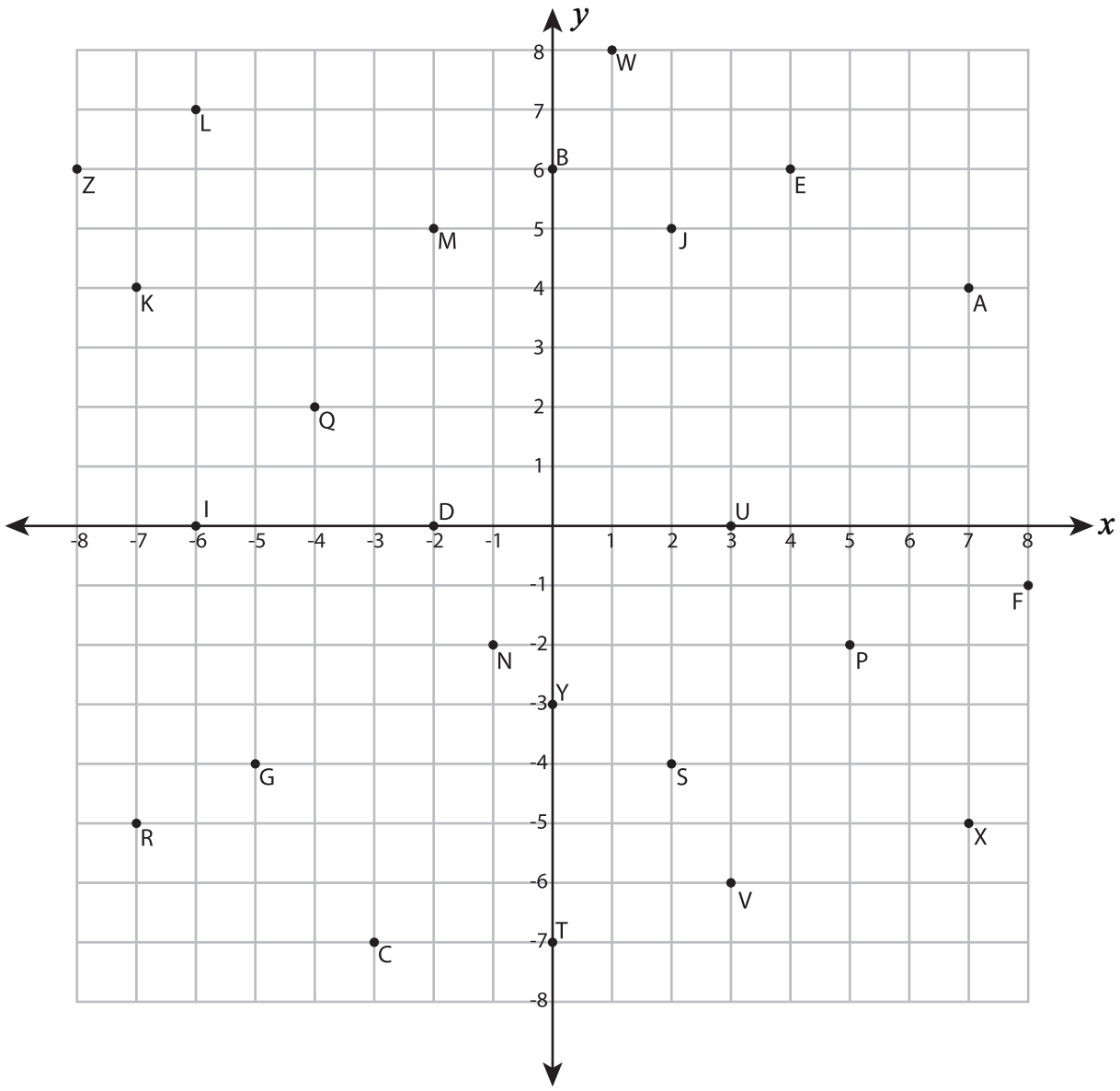
On x-axis : _____

On y-axis : _____

Name : _____

Quadrants & Axes

Grid: S4



Write the points belong to each quadrant or axis.

I - quadrant : _____

II - quadrant : _____

III - quadrant : _____

IV - quadrant : _____

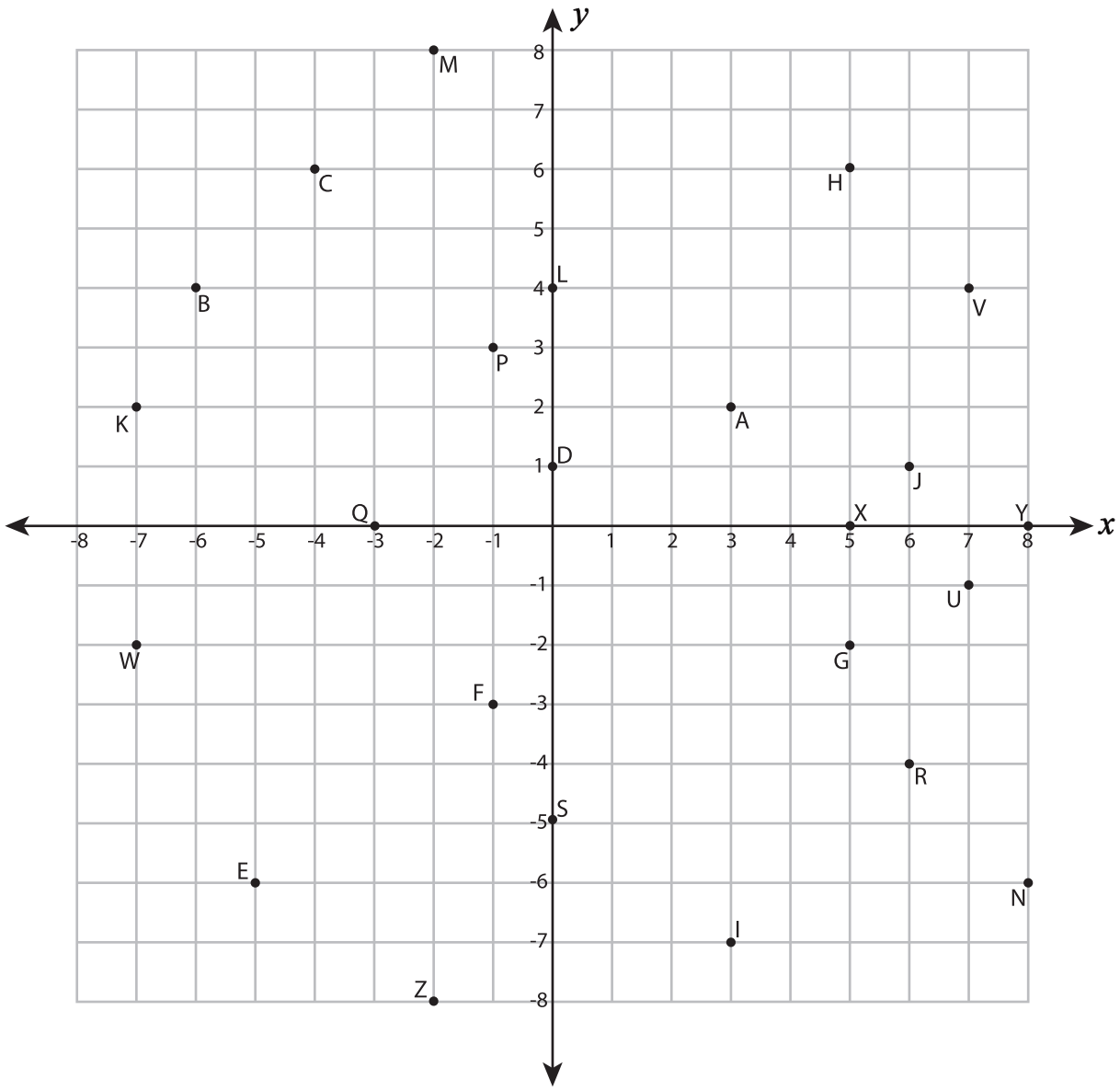
On x-axis : _____

On y-axis : _____

Name : _____

Quadrants & Axes

Grid: S5



Write the points belong to each quadrant or axis.

I - quadrant : _____

II - quadrant : _____

III - quadrant : _____

IV - quadrant : _____

On x-axis : _____

On y-axis : _____

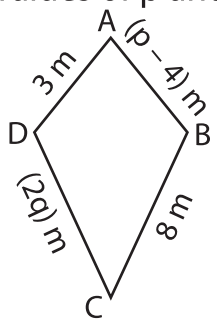
Name : _____

One-Step Equations: Shapes

Type 2: S1

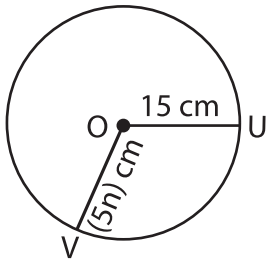
Solve each problem.

1) ABCD is a kite with AB = AD = 3 m and CD = CB = 8 m. Find the values of p and q.



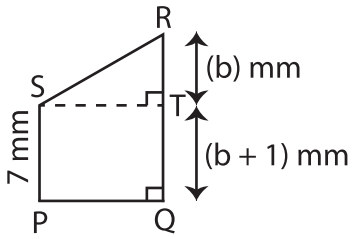
p = _____ q = _____

2) In the given circle, O is the center and OU is the radius, which measures 15 cm. Find the value of n.



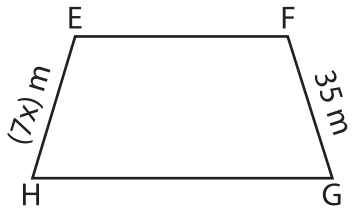
n = _____

3) PQRS is a right trapezoid. The side PS measures 7 mm. If a perpendicular ST is drawn from the vertex S to the base QR, find the value of b and determine the length of QR.



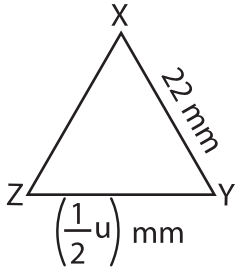
b = _____ QR = _____

4) EFGH is a isosceles trapezoid. If FG is 35 m, find x.



x = _____

5) XYZ is an equilateral triangle, where each side measures 22 mm. Find the value of u.



u = _____

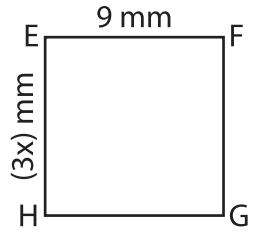
Name : _____

One-Step Equations: Shapes

Type 2: S2

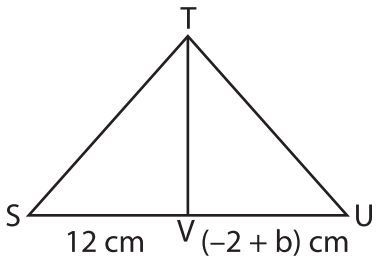
Solve each problem.

1) EFGH is a square. If EF is 9 mm, find the value of x.



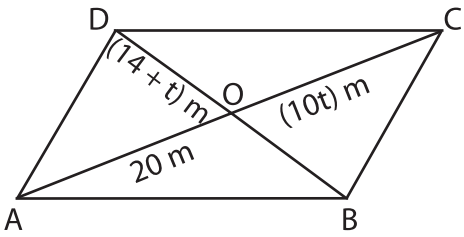
x = _____

2) STU is a triangle. TV is a median that bisects the side SU. If SV = 12 cm, find b.



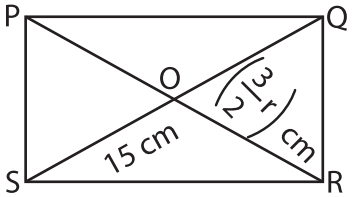
b = _____

3) ABCD is a parallelogram where the diagonals bisect each other with O as the center. Given that OA = 20 m, OC = (10t) m and OD = (14 + t) m. Find the value of t and determine the length of OB.



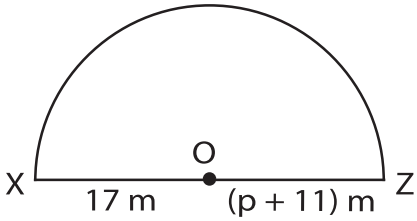
t = _____ OB = _____

4) PQRS is a rectangle whose diagonals are equal in length. Given that SQ = 15 cm and PR = $\left(\frac{3}{2}r\right)$ cm, find the value of r.



r = _____

5) In the given semi-circle, XZ is the diameter and O is the center. If OX = 17 m, find p.



p = _____

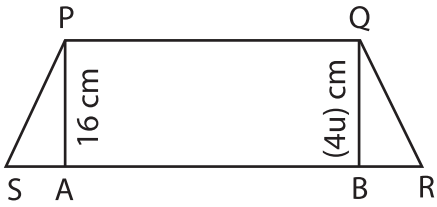
Name : _____

One-Step Equations: Shapes

Type 2: S3

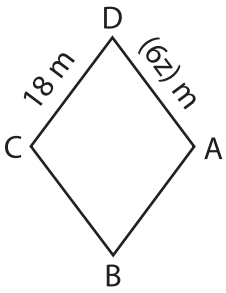
Solve each problem.

1) PQRS is a trapezoid where the heights PA and QB are equal. If PA = 16 cm, find the value of u.



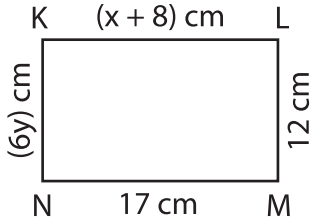
u = _____

2) ABCD is a rhombus. If CD = 18 m, find the value of z.



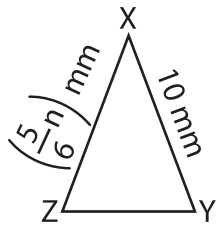
z = _____

3) KLMN is a rectangle. MN = 17 cm, LM = 12 cm. Find the values of x and y.



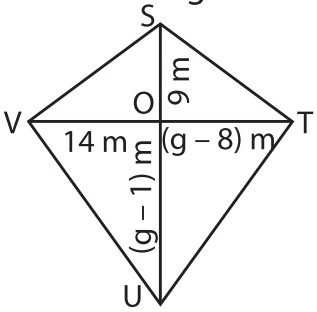
x = _____ y = _____

4) XYZ is an isosceles triangle where XY and XZ are equal. If XY = 10 mm, find the value of n.



n = _____

5) STUV is a kite where OT = OV. The length of OV is 14 m. Find the value of g and determine the length of SU.



g = _____ SU = _____

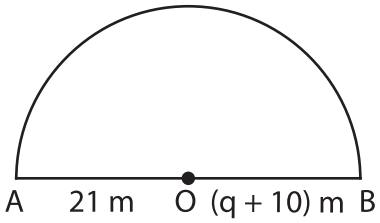
Name : _____

One-Step Equations: Shapes

Type 2: S4

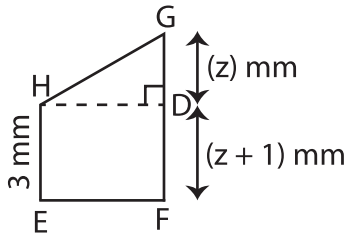
Solve each problem.

1) In the given semi-circle, AB is the diameter and O is the center. If AO = 21 m, find q.



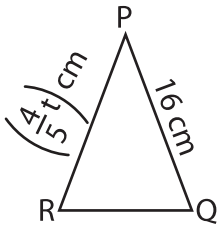
q = _____

2) EFGH is a quadrilateral. The side EH measures 3 mm. If a perpendicular HD is drawn from the vertex H to the base FG, find the value of z and determine the length of FG.



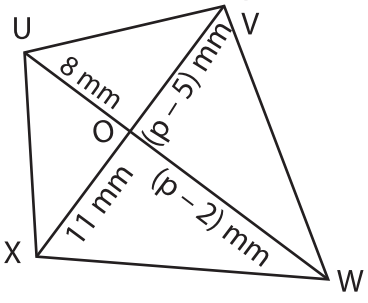
z = _____ FG = _____

3) PQR is an isosceles triangle where PQ and PR are equal. If PQ = 16 cm, find the value of t.



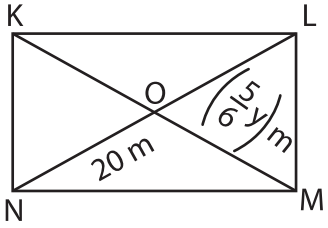
t = _____

4) UVWX is a kite where OV = OX. The length of OX is 11 mm. Find the value of p and determine the length of UW.



p = _____ UW = _____

5) KLMN is a rectangle whose diagonals bisect each other. Given that LN = 20 m and MK = $\left(\frac{5}{6}y\right)$ m, find the value of y.



y = _____

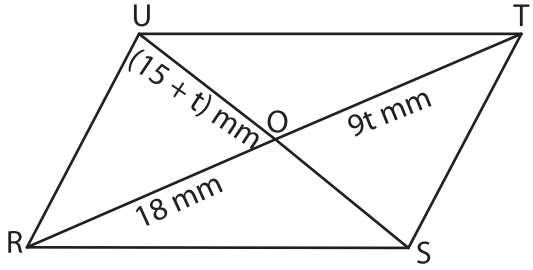
Name : _____

One-Step Equations: Shapes

Type 2: S5

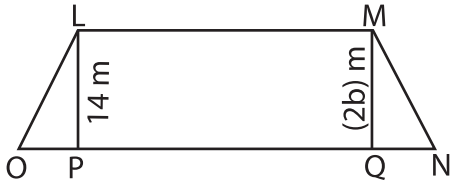
Solve each problem.

1) RSTU is a parallelogram where the diagonals bisect each other with O as the center. Given that OR = 18 mm, OT = (9t) mm and OU = (15 + t) mm. Find the value of t and determine the length of OS.



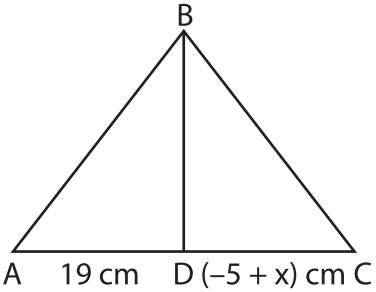
t = _____ OS = _____

2) LMNO is a trapezium where the heights LP and MQ are equal. If LP = 14 m, find the value of b.



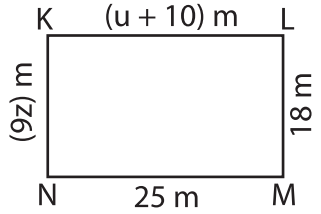
b = _____

3) ABC is a triangle. BD is a median that bisects the side AC. If AD = 19 cm, find x.



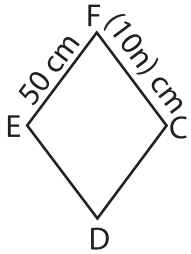
x = _____

4) KLMN is a rectangle. MN = 25 m, LM = 18 m. Find the values of u and z.



u = _____ z = _____

5) CDEF is a rhombus. If EF = 50 cm, find the value of n.



n = _____

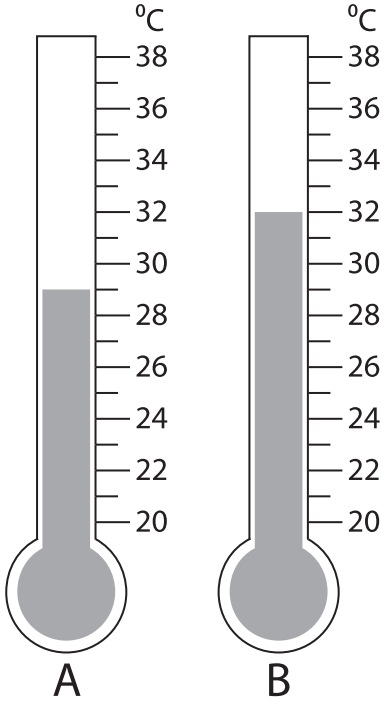
Name : _____ Score : _____

Comparing temperatures - Thermometer

Sheet 1

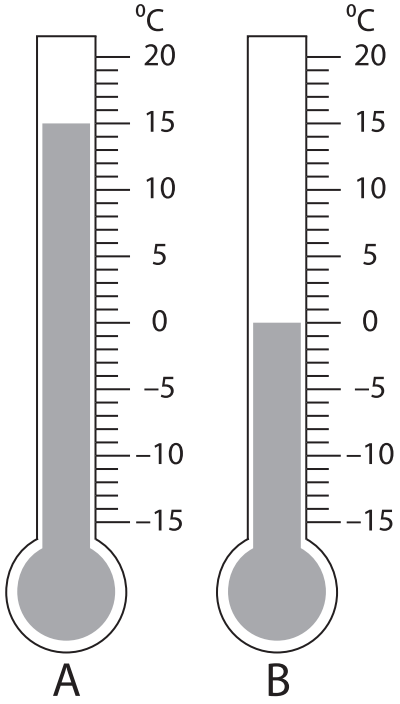
Compare each pair of thermometers and choose the correct answer.

1)



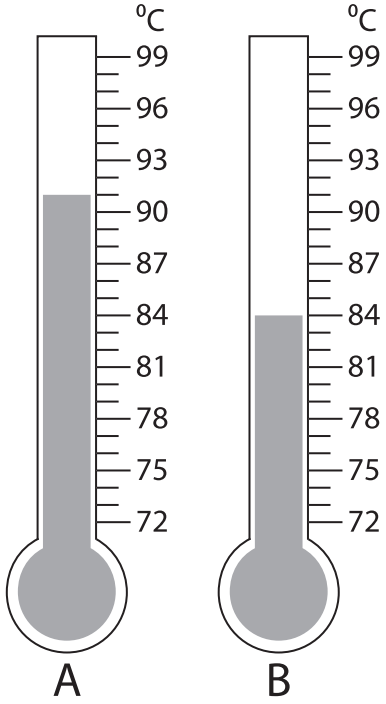
- [ ] A reads a higher temperature than B
- [ ] A reads a lower temperature than B

2)



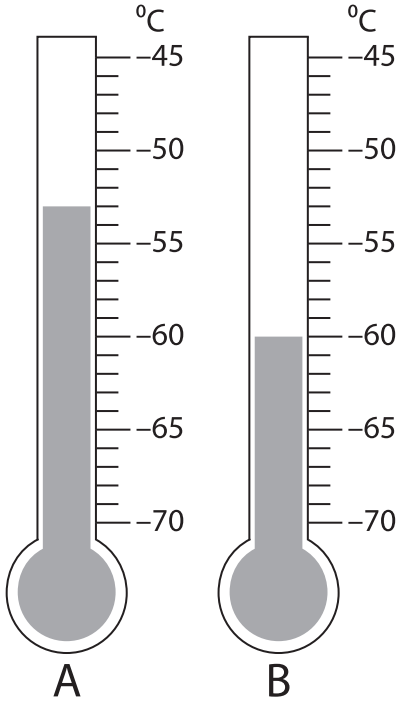
- [ ] A reads a higher temperature than B
- [ ] B reads a higher temperature than A

3)



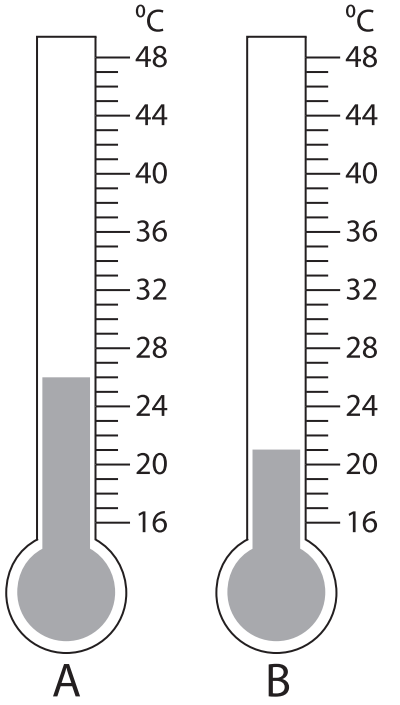
- [ ] B reads a lower temperature than A
- [ ] A reads a lower temperature than B

4)



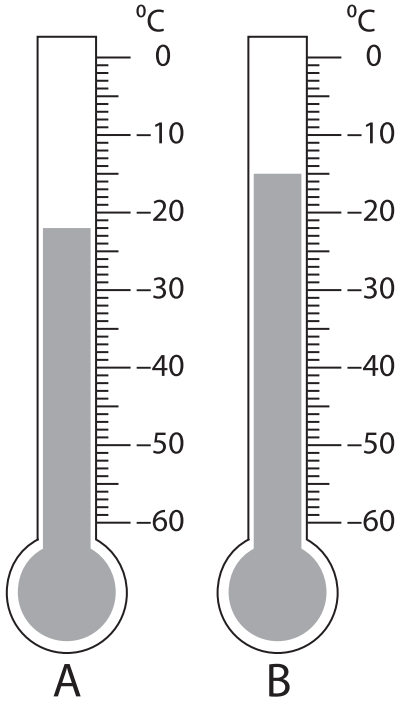
- [ ] A reads a higher temperature than B
- [ ] B reads a higher temperature than A

5)



- [ ] B reads a lower temperature than A
- [ ] A reads a lower temperature than B

6)



- [ ] B reads a lower temperature than A
- [ ] B reads a higher temperature than A

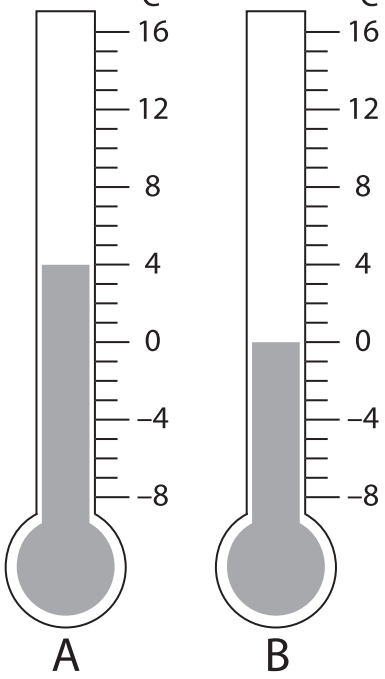
Name : _____ Score : _____

Comparing temperatures - Thermometer

Sheet 2

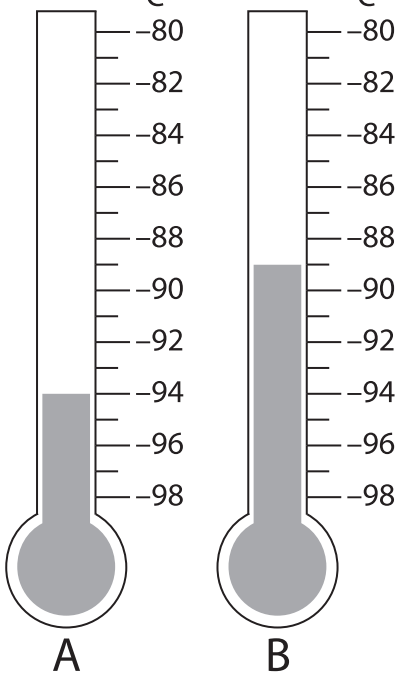
Compare each pair of thermometers and choose the correct answer.

1)



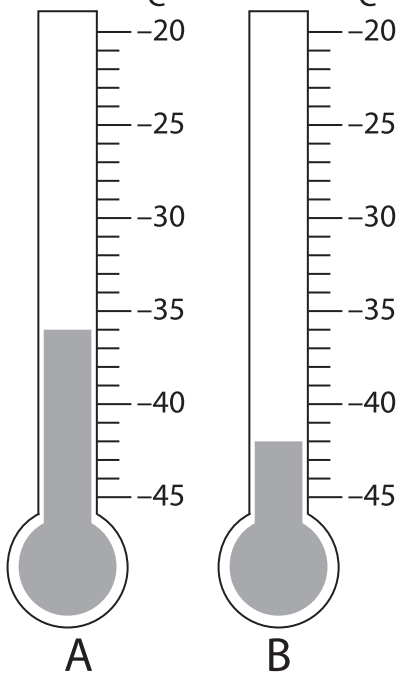
- [ ] B reads a lower temperature than A
- [ ] A reads a lower temperature than B

2)



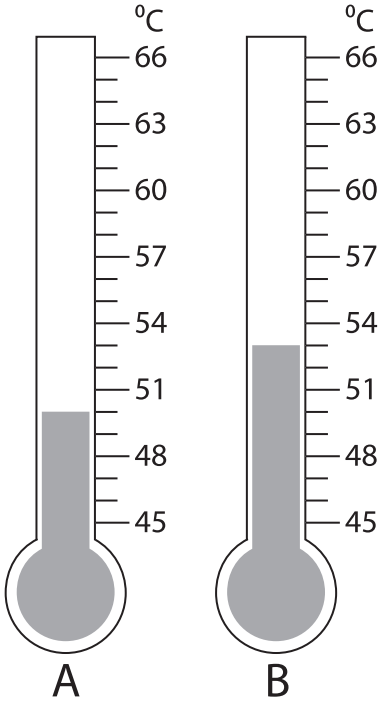
- [ ] B reads a lower temperature than A
- [ ] B reads a higher temperature than A

3)



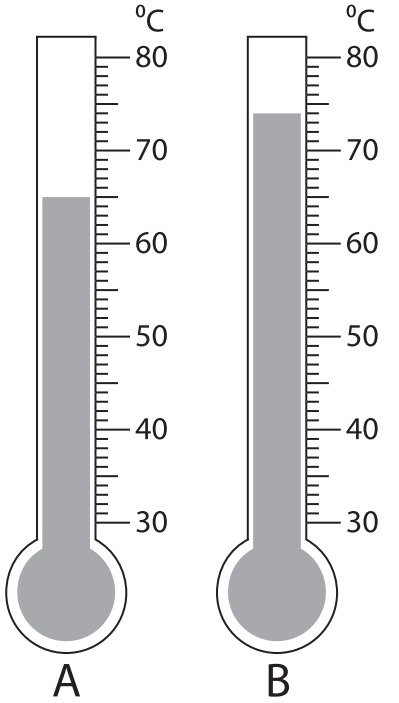
- [ ] B reads a higher temperature than A
- [ ] A reads a higher temperature than B

4)



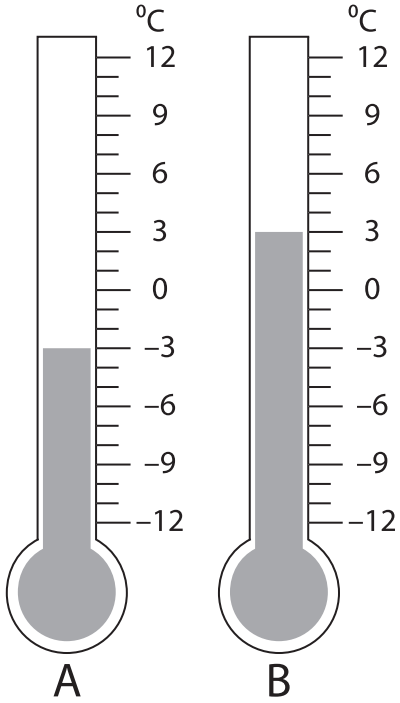
- [ ] B reads a lower temperature than A
- [ ] A reads a lower temperature than B

5)



- [ ] A reads a higher temperature than B
- [ ] B reads a higher temperature than A

6)



- [ ] A reads a lower temperature than B
- [ ] A reads a higher temperature than B

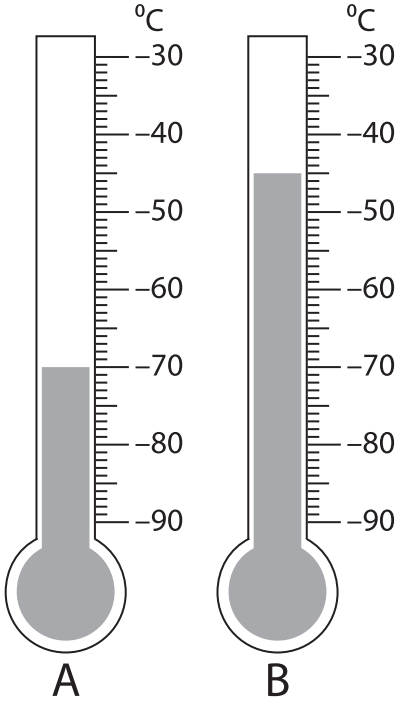
Name : _____ Score : _____

Comparing temperatures - Thermometer

Sheet 3

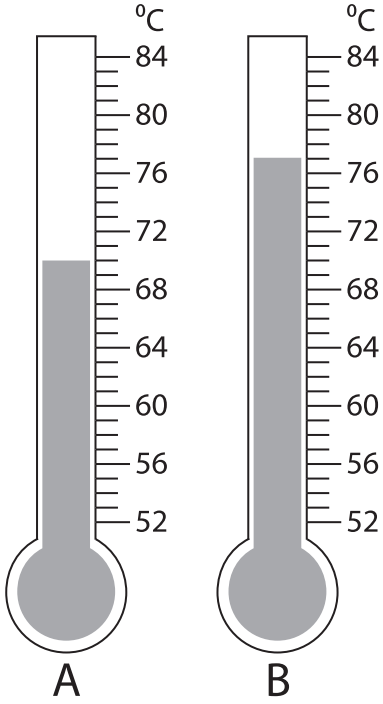
Compare each pair of thermometers and choose the correct answer.

1)



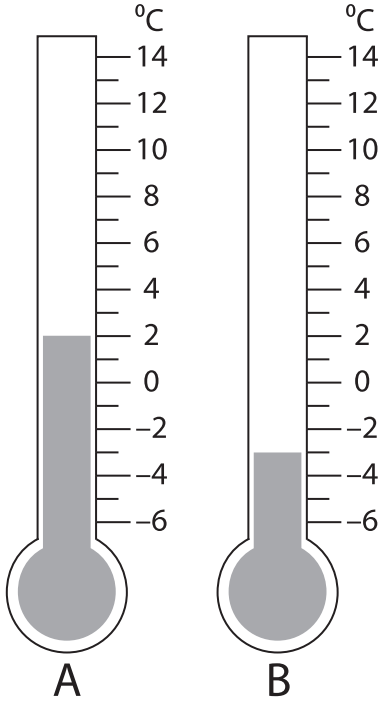
- [ ] B reads a higher temperature than A
- [ ] A reads a higher temperature than B

2)



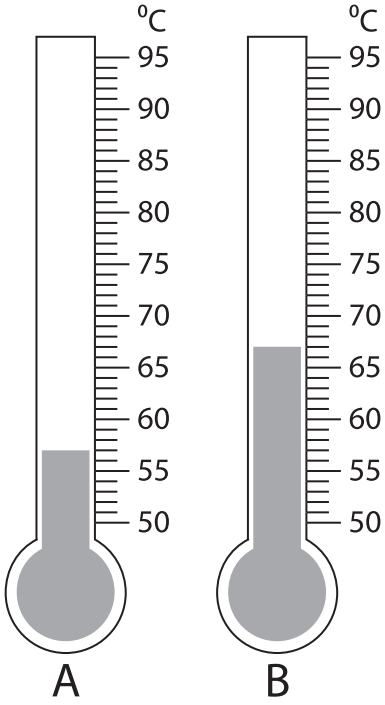
- [ ] A reads a lower temperature than B
- [ ] B reads a lower temperature than A

3)



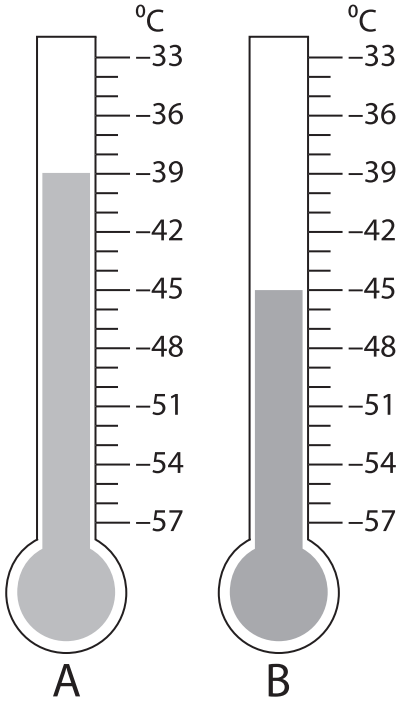
- [ ] A reads a lower temperature than B
- [ ] A reads a higher temperature than B

4)



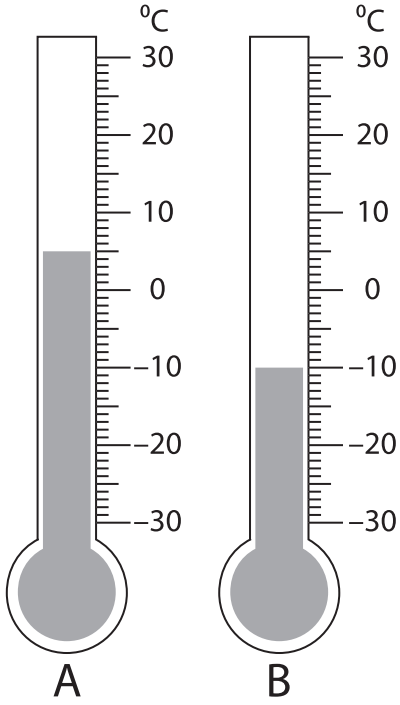
- [ ] B reads a higher temperature than A
- [ ] B reads a lower temperature than A

5)



- [ ] B reads a higher temperature than A
- [ ] A reads a higher temperature than B

6)



- [ ] B reads a lower temperature than A
- [ ] A reads a lower temperature than B

Name : _____ Score : _____

Listing the factors

DS1

List out all possible factors for each number.

1) 150

2) 86

3) 72

4) 144

5) 834

6) 55

7) 116

8) 38

9) 64

10) 548

Name : _____ Score : _____

Listing the factors

DS2

List out all possible factors for each number.

1) 999

2) 46

3) 104

4) 210

5) 84

6) 464

7) 728

8) 56

9) 610

10) 225

Name : _____ Score : _____

DS3

Listing the factors

List out all possible factors for each number.

1) 812

2) 48

3) 94

4) 625

5) 340

6) 242

7) 984

8) 76

9) 536

10) 100

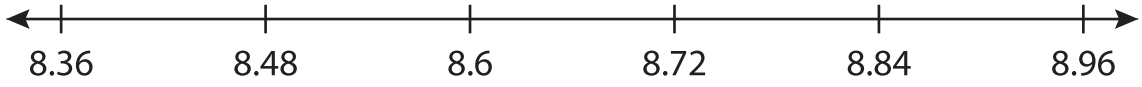
Name : _____

Number Line Addition

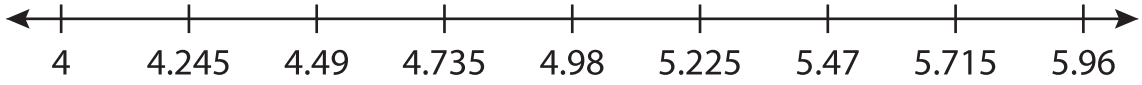
Hops: S1

Indicate hops on each number line and complete the addition sentences.

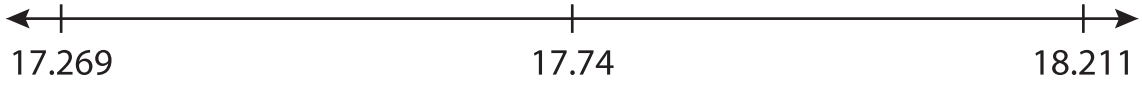
1) 8.36 + 0.6 = _____



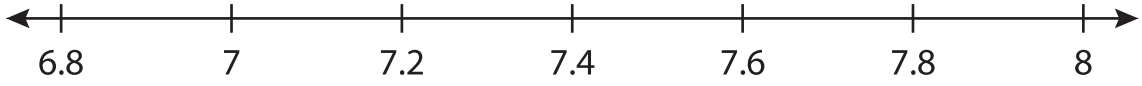
2) 4.245 + 0.98 = _____



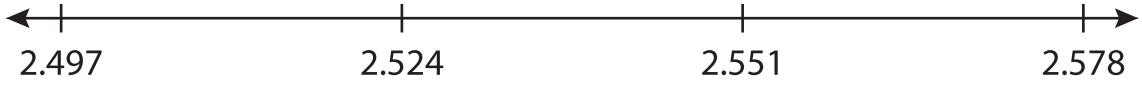
3) 17.74 + 0.471 = _____



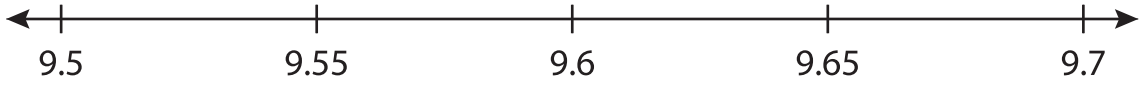
4) 6.8 + 1.2 = _____



5) 2.524 + 0.054 = _____



6) 9.5 + 0.2 = _____



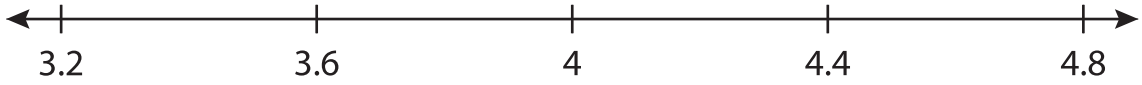
Name : _____

Number Line Addition

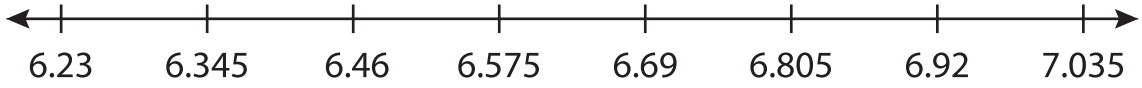
Hops: S2

Indicate hops on each number line and complete the addition sentences.

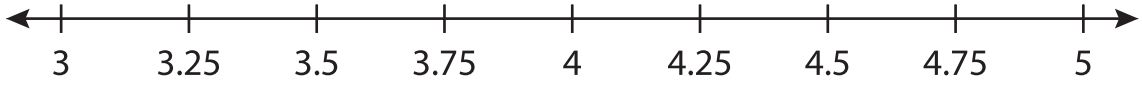
1) 3.6 + 0.8 = _____



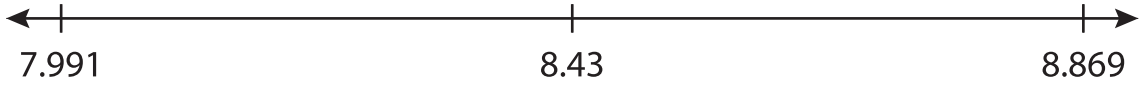
2) 6.345 + 0.46 = _____



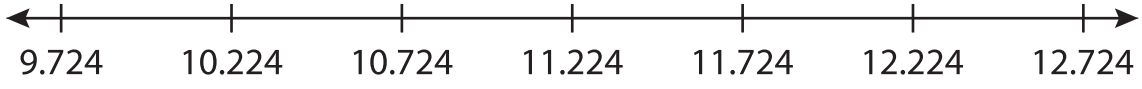
3) 3.5 + 1.5 = _____



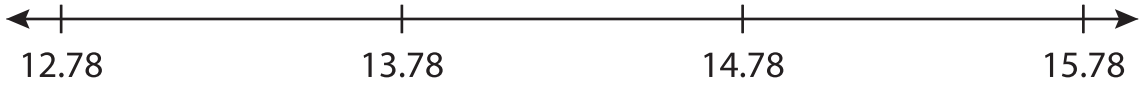
4) 7.991 + 0.439 = _____



5) 9.724 + 2.5 = _____



6) 12.78 + 3 = _____



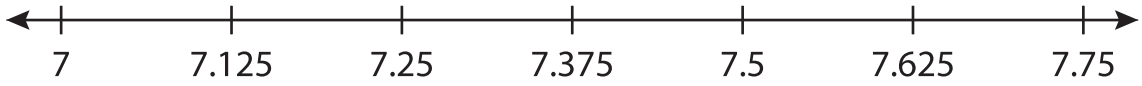
Name : _____

Number Line Addition

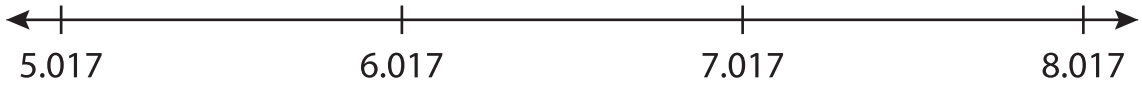
Hops: S3

Indicate hops on each number line and complete the addition sentences.

1) 7 + 0.625 = _____

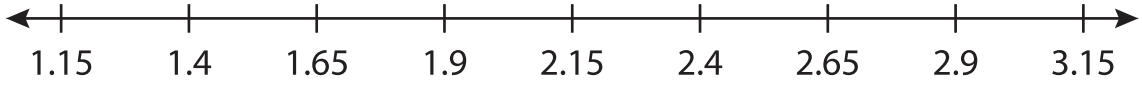


2) 5.017 + 3 = _____

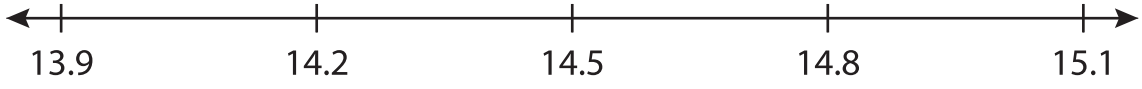


3) 9.76 + 1.5 = _____

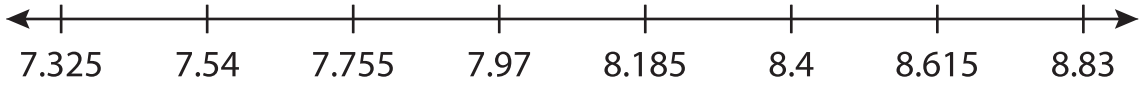
4) 1.15 + 2 = _____



5) 14.2 + 0.6 = _____



6) 7.755 + 0.86 = _____



Name: _____

Dividing Fractions

Sheet 1

Find the quotient.

1) $\frac{6}{7} \div \frac{2}{7}$

2) $\frac{1}{4} \div \frac{19}{12}$

3) $\frac{2}{5} \div \frac{7}{9}$

4) $\frac{5}{3} \div \frac{3}{8}$

5) $\frac{3}{4} \div \frac{9}{8}$

6) $\frac{12}{18} \div \frac{17}{9}$

7) $\frac{11}{10} \div \frac{5}{2}$

8) $\frac{15}{17} \div \frac{5}{3}$

Name: _____

Dividing Fractions

Sheet 2

Find the quotient.

1) $\frac{3}{2} \div \frac{4}{5}$

2) $\frac{7}{12} \div \frac{13}{18}$

3) $\frac{3}{9} \div \frac{6}{15}$

4) $\frac{6}{5} \div \frac{7}{5}$

5) $\frac{5}{2} \div \frac{4}{8}$

6) $\frac{20}{7} \div \frac{15}{12}$

7) $\frac{4}{3} \div \frac{16}{15}$

8) $\frac{7}{8} \div \frac{13}{16}$

Name: _____

Dividing Fractions

Sheet 3

Find the quotient.

1) $\frac{3}{7} \div \frac{13}{14}$

2) $\frac{9}{4} \div \frac{9}{8}$

3) $\frac{8}{3} \div \frac{2}{3}$

4) $\frac{5}{2} \div \frac{9}{7}$

5) $\frac{4}{15} \div \frac{3}{6}$

6) $\frac{1}{3} \div \frac{1}{5}$

7) $\frac{5}{4} \div \frac{1}{2}$

8) $\frac{7}{10} \div \frac{5}{12}$