

Grade 2 | Mental Maths | Term 4

Answers

Question 1

Write down the number symbol for each word.

a) eighty-nine **89** ✓

b) fifty-two **52** ✓

c) seventy-eight **78** ✓

Write in short form:

a) $3T + 5U =$ **35** ✓

b) 7 units + 8 tens = **87** ✓

c) 9 tens + 4 = **90 + 4 = 94** ✓

Total **6** /6

Question 2

Write the given numbers from biggest to smallest.

a) 66 , 96 , 69 , 6 **96 , 69 , 66 , 6** ✓

b) 4 , 44 , 24 , 42 **44 , 42 , 24 , 4** ✓

c) 25 , 22 , 15 , 52 **52 , 25 , 22 , 15** ✓

Write each two digit number as shown:

a) $70 =$ **70** units = **7** tens ✓

b) $52 =$ **52** units = **5** tens + **2** units ✓

c) $84 =$ **84** units = **8** tens + **4** units ✓

Total **6** /6

Question 3

Fill in “bigger than” or “smaller than” or “equal to”.

a) 50 is **bigger than** 5. ✓

b) 78 is **smaller than** 87. ✓

c) 63 is **bigger than** 36. ✓

d) 53 is **equal to** fifty-three. ✓

e) twenty-five is **smaller than** 27. ✓

f) eighty-six is **bigger than** 68. ✓

g) 6 is **smaller than** 60. ✓

Total **7** /7

Question 4

a) $12 - 2 =$ **10** ✓

b) $30 - 6 =$ **24** ✓

c) $42 - 4 =$ **38** ✓

d) $45 - 7 =$ **38** ✓

e) $91 - 50 =$ **41** ✓

f) $44 - 40 =$ **4** ✓

g) $90 - 14 =$ **76** ✓

h) $71 - 7 =$ **64** ✓

Total **8** /8

Question 5

Complete:

- a) **11** is the smallest two digit number.
- b) **4** is the tens digit in 42. ✓
- c) Twenty-six = **2** tens + **6** units ✓
- d) Underline the units digit in **62**. ✓
- e) Underline the tens digit in **98**. ✓
- f) 5 tens minus 15 = **50 - 15 = 35** ✓
- g) 41 is 9 more than **32**. ✓

Total **7 / 7**

Question 6

- a) 7 + 8 + 4 = **15 + 4 = 19** ✓
- b) 33 + 7 = **40** ✓
- c) 19 + 9 = **28** ✓
- d) 3 tens + 15 units = **30 + 15 = 45** ✓
- e) 4 + 16 + 5 = **20 + 5 = 25** ✓
- f) 23 + 47 = **10 + 60 = 70** ✓
(work out on seperate paper if necessary)
- g) 53 + 35 = **8 + 80 = 88** ✓
(work out on seperate paper if necessary)
- h) 17 + 4 + 9 = **21 + 9 = 30** ✓

Total **8 / 8**

Question 7

- a) $7 \times 8 = 56$ ✓
- b) $6 \times 3 = 18$ ✓
- c) $7 \times 7 = 49$ ✓
- d) $9 \times 8 = 72$ ✓
- e) $4 \times 9 = 36$ ✓
- f) $7 \times 6 = 42$ ✓
- g) $6 \times 5 = 30$ ✓
- h) $9 \times 9 = 81$ ✓

Total **8 / 8**

Question 8

Fill in the missing numbers.

- a) 65 ; 70 ; **75** ; 80 ; 85 ; **90** ; **95** ✓ [+5]
- b) 99 ; 94 ; **89** ; 84 ; 79 ; **74** ; **69** ✓ [-5]
- c) **31** ; 34 ; 37 ; 40 ; **43** ; **46** ; **49** ✓ [+3]
- d) 73 ; **69** ; 65 ; 61 ; **57** ; **53** ; 49 ✓ [-4]
- e) 200 ; **198** ; 196 ; 194 ; **192** ; **190** ✓ [-2]
- f) 115 ; 117 ; 119 ; **121** ; **123** ; **125** ✓ [+2]
- g) 130 ; 140 ; 150 ; **160** ; **170** ; **180** ✓ [+10]

Total **7 / 7**

Question 9

- a) $3 + 3 + 3 + 3 + 3 = 15$ ✓
- b) 10 fours + 2 twos = $40 + 4 = 44$ ✓
- c) 8 eights - 2 eights = $6 \text{ eights} = 48$ ✓
- d) 5 sixes + 4 sixes = $9 \text{ sixes} = 54$ ✓
- e) $10 + 10 + 10 = 3 \text{ tens} = 30$ ✓
- f) $8 + 8 + 8 + 8 + 8 = 5 \text{ eights} = 40$ ✓
- g) $3 \times 20 = 60$ ✓
- h) $20 + 20 + 20 + 20 = 4 \text{ twenties} = 80$ ✓

Total 8 / 8

Question 10

- a) $5 \times 13 = 5 \times (10 + 3) = 50 + 15 = 65$ ✓
- b) $7 \times 12 = 7 \times (10 + 2) = 70 + 14 = 84$ ✓
- c) $3 \times 17 = 3 \times (10 + 7) = 30 + 21 = 51$ ✓
- d) $3 \times 27 = 3 \times (20 + 7) = 60 + 21 = 81$ ✓
- e) $6 \times 16 = 6 \times (10 + 6) = 60 + 36 = 96$ ✓
- f) $4 \times 19 = 4 \times (10 + 9) = 40 + 36 = 76$ ✓
- g) $4 \times 25 = 4 \times (20 + 5) = 80 + 20 = 100$ ✓
- h) $3 \times 29 = 3 \times (20 + 9) = 60 + 27 = 87$ ✓

Total 8 / 8

Question 11

The sum of two numbers is 75. What is the other number if the one number is:

- a) 35 $75 - 35 = 40$ ✓
- b) 21 $75 - 21 = 54$ ✓
- c) 50 $75 - 50 = 25$ ✓

Complete:

- a) One quarter of 12 = $12 \div 4 = 3$ ✓
- b) 1 half of 30 = $30 \div 2 = 15$ ✓
- c) 1 of 4 equal parts is one **quarter.** ✓

Total 6 / 6

Question 12

- a) $24 \div 3 = 8$ ✓
- b) $14 \div 2 = 7$ ✓
- c) $28 \div 2 = 14$ ✓
(work out on separate paper if necessary)
- d) $45 \div 5 = 9$ ✓
- e) $54 \div 6 = 9$ ✓
- f) $100 \div 10 = 10$ ✓
- g) $75 \div 5 = 15$ ✓
(work out on separate paper if necessary)
- h) $18 \div 6 = 3$ ✓

Total 8 / 8

Question 13

- a) $9 \div 2 = 4$ remainder 1 ✓
- b) $20 \div 6 = 3$ remainder 2 ✓
- c) $11 \div 4 = 2$ remainder 3 ✓
- d) $67 \div 6 = 11$ remainder 1 ✓
- e) $33 \div 5 = 6$ remainder 3 ✓
- f) $88 \div 10 = 8$ remainder 8 ✓
- g) $53 \div 6 = 8$ remainder 5 ✓
- h) $59 \div 10 = 5$ remainder 9 ✓

Total 8 / 8

Question 14

True or False?

If false, give the correct answer.

- a) A triangle has 4 sides. **False.** 3 ✓
- b) A square has sides which are in equal in length. **True.** ✓
- c) It is possible to draw a square with 5 sides. **False. Must have 4 sides.** ✓
- d) A rectangle has 4 corners. **True.** ✓
- e) 1kg of sugar weighs more than 1kg of feathers. **False.** They weigh the same. ✓
- f) $40l \div 5 = 8l$ **True** ✓
- g) $24kg \div 3 = 6kg$ **False.** 8kg. ✓

Total 7 / 7

Question 15

- a) $73 \div 10 = 7$ remainder 3 ✓
- b) $5 \times 20 = 100$ ✓
- c) $3 \times 23 = 60 + 9 = 69$ ✓
- d) $12 \times 4 = 48$ ✓
- e) $30 \div 4 = 8$ remainder 2 ✓
- f) $9 \times 7 = 63$ ✓
- g) $10 \div 10 = 1$ ✓
- h) $60 \div 6 = 10$ ✓

Total 8 / 8

Question 16

- a) $122 + 3 = 125$ ✓
- b) $26 \div 2 = 13$ ✓
- c) $3 \times 20 = 60$ ✓
- d) 4 tens \times 2 = 8 tens = 80 ✓
- e) $9 + 9 + 9 = 27$ ✓
- f) $71 - 7 = 64$ ✓
- g) $7 \times 11 = 77$ ✓
- h) $200 - 4 = 196$ ✓

Total 8 / 8

Question 17

If the time is 8:30 a.m. what will the time be after:

- a) 5 hours? **1:30 p.m. ✓**
 b) 2 hours? **10:30 p.m. ✓**
 c) 15 minutes? **8:45 a.m. ✓**

If the time is 7:30 p.m. what was the time:

- a) 15 minutes before? **7:15 p.m. ✓**
 b) 6 hours before? **1:15 p.m. ✓**
 c) 1 hour before? **6:15 p.m. ✓**
 d) $\frac{1}{2}$ hour before? **7:00 p.m. ✓**

Total **7 / 7**

Question 18

There are 7 buns in a basket. How many buns are in:

- a) 9 baskets = **$7 \times 9 = 63$ buns ✓**
 b) 11 baskets = **$7 \times 11 = 77$ buns ✓**
 c) 14 baskets = **$7 \times 14 = 98$ buns ✓**

There are 64 plants in rows. How many plants are in each row if there are:

- a) 8 rows = **$64 \div 8 = 8$ plants per row ✓**
 b) 2 rows = **$64 \div 2 = 32$ plants per row ✓**
 c) 4 rows = **$64 \div 4 = 16$ plants per row ✓**

Total **6 / 6**

Question 19

1. Sam, Peet and Thabo sold 88 pies altogether. Sam sold 15 pies and Peet sold 24 more pies than Sam.

- a) Number of pies sold by Peet
 = **$15 + 24 = 39$ pies ✓**
- b) Number of pies sold by Sam and Peet
 = **$15 + 39 = 54$ pies ✓**
- c) Number of pies sold by Thabo
 = **$88 - 54 = 34$ pies ✓**

Total **3 / 3**

Question 20

Complete the table:

	Price	Paid with	Change
a)	R1,80	R3	R1,20
b)	R5,50	R12	R6,50
c)	R18	R27,20	R9,20
d)	R55	R63	R8
e)	R21,10	R25	R3,90
f)	15c	R1	85c
g)	45c	R9,50	R9,05

Total **7 / 7**

Question 21

- Sarah cuts a cake into 4 equal pieces. She eats 2 pieces and gives 1 piece to Sally.
 - What fraction of the cake did Sarah eat? $2/4 = 1/2$ of the cake
 - What fraction of the cake did Sarah give to Sally?
 $1/4 = 1$ quarter of the cake
 - How many pieces of cake are left? $4 - 2 - 1 = 1$ piece of cake
 - What fraction of the cake is left?
 $1/4 = 1$ quarter of the cake is left

Total 4 / 4

Question 22

- How many apples must be cut to give 1 third of an apple to each of:
 - 9 girls? 3 apples ✓
 - 15 girls? 5 apples ✓
 - 30 girls? 10 apples ✓
- How many tarts must be cut to give one fifth of a tart to each of:
 - 20 girls? 4 tarts ✓
 - 50 girls? 10 tarts ✓
 - 40 girls? 8 tarts ✓

Total 6 / 6

Question 23

- $6\text{kg} + 15\text{kg} = 21\text{kg}$ ✓
- 1 third of $36\text{m} = 12\text{m}$ ✓
- Half an hour = 30 minutes ✓
- Half a year = 6 months ✓
- $24 \text{ apples} \div 6 = 4 \text{ apples}$ ✓
- 1 quarter of $40\ell = 40\ell \div 4 = 10\ell$ ✓
- $6\text{kg} \times 5 = 30\text{kg}$ ✓
- $85\text{m} - 66\text{m} = 19\text{m}$ ✓

Total 8 / 8

Question 24

- $R25 + R45 = R70$ ✓
- Double $R32 = R64$ ✓
- $R34,50 - R30,40 = R4,10$ ✓
- $R15 - 80\text{c} = R14,20$ ✓
- $R8,30 + R6,70 = R14 + R1 = R15$ ✓
- 1 fifth of $R30 = R30 \div 5 = R6$ ✓
- $R66 - R11 = R55$ ✓
- $45\text{c} + 15\text{c} + 40\text{c} = 60\text{c} + 40\text{c} = R1$ ✓

Total 8 / 8