

Grade 1 | Mental Maths | Term 3

Answers

Question 1

Fill in the missing numbers.

a) $3 + 1 = 4$ ✓

b) $4 = 2 + 2$ ✓

c) $6 + 2 = 8$ ✓

d) $3 + 4 = 7$ ✓

e) $9 = 5 + 4$ ✓

f) $5 = 3 + 2$ ✓

g) $7 + 3 = 10$ ✓

Total 7 / 7

Question 2

Mark each correct number sentence with a ✓ and each incorrect number sentence with a ✗.

a) $3 + 1 = 4 = 4 + 1 = 5$ ✗

b) $4 + 5 = 5 + 4$ ✓

c) $3 + 2 = 2 + 3$ ✓

d) $3 + 2 = 5 = 2 + 2 = 4$ ✗

e) $3 + 4 = 7 = 4 + 4 = 8$ ✗

f) $3 + 7 = 7 + 3$ ✓

g) $6 + 4 = 4 + 6$ ✓

Total 7 / 7

Question 3

Complete:

a)	10	+3 →	13 ✓	+2 →	15 ✓
b)	6	+4 →	10 ✓	+1 →	11 ✓
c)	11	+2 →	13 ✓	+2 →	15 ✓
d)	4	+4 →	8 ✓	+2 →	10 ✓
e)	6	+3 →	9 ✓	+5 →	14 ✓
f)	7	+6 →	13 ✓	+1 →	14 ✓
g)	5	+3 →	8 ✓	+5 →	13 ✓

Total 14 / 14

Question 4

Complete:

- a) $6 - 4 = 2$ ✓
- b) $10 - 5 = 5$ ✓
- c) $9 - 4 = 5$ ✓
- d) $7 - 3 = 4$ ✓
- e) $8 - 6 - 2 = 0$ ✓
- f) $4 - 3 - 1 = 0$ ✓
- g) $10 - 6 - 3 = 1$ ✓

Total 7 / 7

Question 5

Complete:

- a) $3 + 7 + 2 = 12$ ✓
- b) $4 + 4 + 2 = 10$ ✓
- c) $1 + 1 + 8 = 10$ ✓
- d) $3 + 4 + 4 = 11$ ✓
- e) $9 + 5 + 1 = 15$ ✓
- f) $5 + 4 + 5 = 14$ ✓
- g) $3 + 3 + 9 = 15$ ✓
- h) $3 + 1 + 7 = 11$ ✓

Total 8 / 8

Question 6

Fill in the missing numbers.

- a) $6 - 4 = 2$ ✓
- b) $7 - 3 = 4$ ✓
- c) $8 = 2 + 6$ ✓
- d) $9 = 5 + 4$ ✓
- e) $6 = 3 + 3$ ✓
- f) $7 = 6 + 1$ ✓
- g) $10 - 4 = 6$ ✓
- h) $9 - 9 = 0$ ✓

Total 8 / 8

Question 7

Complete:

- | | | | | | |
|----|----|--------------------|------|--------------------|------|
| a) | 15 | $\xrightarrow{-3}$ | 12 ✓ | $\xrightarrow{-2}$ | 10 ✓ |
| b) | 12 | $\xrightarrow{-6}$ | 6 ✓ | $\xrightarrow{-6}$ | 0 ✓ |
| c) | 14 | $\xrightarrow{-5}$ | 9 ✓ | $\xrightarrow{-3}$ | 6 ✓ |
| d) | 13 | $\xrightarrow{-8}$ | 5 ✓ | $\xrightarrow{-1}$ | 4 ✓ |
| e) | 11 | $\xrightarrow{-3}$ | 8 ✓ | $\xrightarrow{-3}$ | 5 ✓ |
| f) | 10 | $\xrightarrow{-3}$ | 7 ✓ | $\xrightarrow{-4}$ | 3 ✓ |
| g) | 15 | $\xrightarrow{-8}$ | 7 ✓ | $\xrightarrow{-1}$ | 6 ✓ |
| h) | 14 | $\xrightarrow{-7}$ | 7 ✓ | $\xrightarrow{-5}$ | 2 ✓ |

Total 16 / 16

Question 8

Complete:

- a) Double 4 = 8 ✓
- b) Double 7 = 14 ✓
- c) Half of 12 = 6 ✓
- d) Half of 10 = 5 ✓
- e) Double 0 = 0 ✓
- f) Half of 6 = 3 ✓
- g) Half of 0 = 0 ✓
- h) Double 2 = 4 ✓

Total 8 / 8

Question 9

Complete:

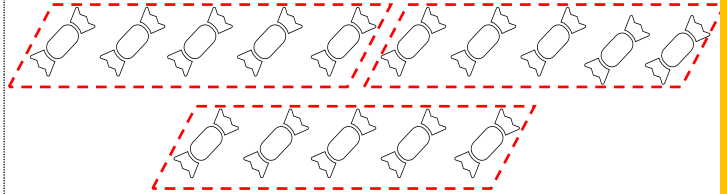
- a) $15 - 4 = 11$ ✓
- b) $11 - 7 = 4$ ✓
- c) $10 - 8 = 2$ ✓
- d) $14 - 6 = 8$ ✓
- e) $12 - 1 - 1 = 10$ ✓
- f) $13 - 2 = 11$ ✓
- g) $15 - 6 = 9$ ✓

Total 7 / 7

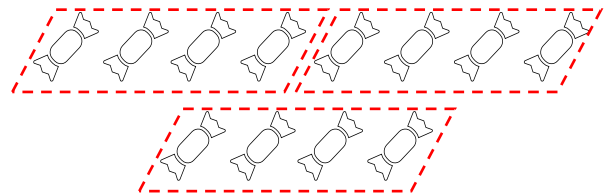
Question 10

Complete:

- a)* If 15 sweets are shared equally among 3 friends. How many sweets does each friend get? **5 sweets** ✓



- b)* If 12 sweets are shared equally among 3 friends. How many sweets does each friend get? **4 sweets** ✓



Total 2 / 2

Question 11

Complete:

- a) $R9 + R5 = R14$ ✓
- b) $R15 - R10 = R5$ ✓
- c) $R11 + R3 = R14$ ✓
- d) $R8 - R4 = R4$ ✓
- e) $R15 - R7 = R8$ ✓
- f) $R10 + R2 = R12$ ✓
- g) $R7 + R7 = R14$ ✓
- h) $R6 + R5 = R11$ ✓

Total 8 / 8

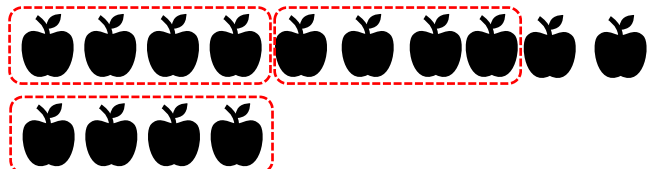
Question 12

Look at each group of apples:

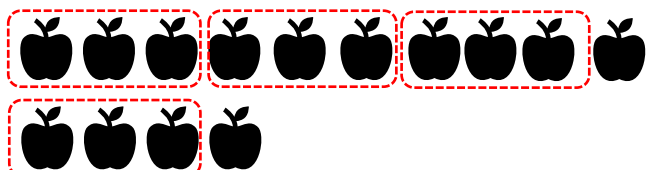
- a) How many bags with 5 apples in each can you fill? **2 bags** ✓



- b) How many bags with 4 apples in each can you fill? **3 bags** ✓



- c) How many bags with 3 apples in each can you fill? **4 bags** ✓



Total 3 / 3

Question 13

Complete:

1. Sarah has R12 and Jim has R3.

- a) Sarah has $R12 - R3 = R9$ more than Jim. ✓
 b) Sarah and Jim have $R12 + R3 = R15$ together. ✓

2. Thato spends R5 on chips and R7 on water.

- a) Thato spends $R5 + R7 = R12$ in total. ✓
 b) Thato pays with R15 and gets $R15 - R12 = R3$ change. ✓

3. Theo has R4 more than Tim who has R10.

- a) That means that Theo has $R10 + R4 = R14$. ✓
 b) If Theo spends R5 then he will have $R14 - R5 = R9$ left. ✓

Total 6 / 6

Question 14

If 1 pen costs R4, 1 pencil costs R3 and 1 ruler costs R5 then how much will:

- a) 3 rulers cost? $R5 + R5 + R5 = R15$ ✓
 b) 2 pens? $R4 + R4 = R8$ ✓
 c) 1 pencil and 1 pen cost? $R3 + R4 = R7$ ✓
 d) 3 pencils cost? $R3 + R3 + R3 = R9$ ✓
 e) 2 rulers and 1 pencil cost? $R5 + R5 + R3 = R10 + R3 = R13$ ✓
 f) 4 pencils cost? $R3 + R3 + R3 + R3 = R12$ ✓
 g) 1 ruler and 2 pens cost? $R5 + R4 + R4 = R9 + R4 = R13$ ✓

Total 7 / 7

Question 15

Draw the missing picture in each growing pattern.



Total 4 / 4

Question 16

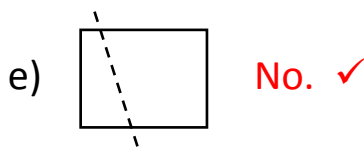
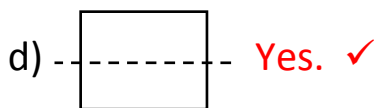
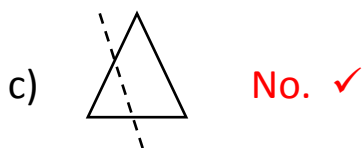
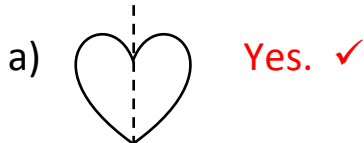
Fill in the missing numbers in each sequence.

- a) 1 ; 2 ; 3 ; 4 ; 5 ; 6 ✓✓✓
 b) 2 ; 4 ; 6 ; 8 ; 10 ✓✓ (counting in twos)
 c) 15 ; 14 ; 13 ; 12 ; 11 ✓✓
 d) 8 ; 9 ; 10 ; 11 ; 12 ; 13 ✓✓
 e) 7 ; 6 ; 5 ; 4 ; 3 ; 2 ; 1 ✓✓✓
 f) 10 ; 8 ; 6 ; 4 ; 2 ✓ (counting backwards in twos)
 g) 0 ; 5 ; 10 ; 15 ✓ (counting in fives)
 h) 6 ; 8 ; 10 ; 12 ; 14 ✓✓ (counting in twos)

Total 16 / 16

Question 17

Is the dotted line in each shape a line of symmetry? Write yes or no.



Total 5 / 5

Question 19

Complete:

a) $4 + 3 + 2 = 9$ ✓

b) $10 - 5 - 2 = 3$ ✓

c) $12 + 2 + 1 = 15$ ✓

d) 1 ten + 5 ones = 15 ✓

e) $13 - 7 = 6$ ✓

f) $6 + 6 = 12$ ✓

g) 1 ten - 4 ones = $10 - 4 = 6$ ✓

h) $4 + 4 + 4 = 12$ ✓

Total 8 / 8

Question 18

Complete:

a) The fourth month of the year is

April. ✓

b) If today is Saturday then

tomorrow will be Sunday. ✓

c) There are 12 months in a year. ✓

d) The month before August is

July. ✓

e) There are 7 days in a week. ✓

f) If today is Wednesday then

tomorrow will be Thursday. ✓

g) The seventh month of the year is

July. ✓

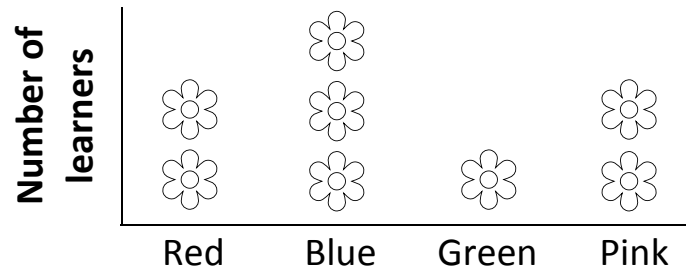
h) The last month of the year is

December. ✓

Total 8 / 8

Question 20

Learners' favourite colour



Look at the pictograph above. It tells us that:

a) 3 learners chose blue. ✓

b) 2 learners chose red. ✓

c) 1 learner chose green. ✓

d) 2 learners chose pink. ✓

e) 8 learners were questioned in total. ✓

Total 5 / 5