

# Grade 2 | Mental Maths | Term 3

## Answers

### Question 1

Write down the value of each underlined digit.

a) 35    30 ✓

b) 72    2 ✓

c) 88    80 ✓

Write in short form:

a) 40 + 5 = 45 ✓

b) 8U + 2T = 28 ✓

c) 6 tens + 6 = 60 + 6 = 66 ✓

Total 6 /6

### Question 2

a)  $7 + 2 = 9$  ✓

b)  $3 + 4 = 7$  ✓

c)  $3 + 7 = 10$  ✓

d)  $5 + 8 = 13$  ✓

e)  $18 + 2 = 20$  ✓

f)  $25 + 5 = 30$  ✓

g)  $59 + 5 = 64$  ✓

h)  $73 + 7 = 80$  ✓

Total 8 /8

### Question 3

a)  $10 + 10 = 20$  ✓

b)  $40 + 10 = 50$  ✓

c)  $35 + 20 = 55$  ✓

d)  $50 + 30 = 80$  ✓

e)  $60 + 37 = 97$  ✓

f)  $25 + 50 = 75$  ✓

g)  $52 + 20 = 72$  ✓

h)  $33 + 40 = 73$  ✓

Total 8 /8

### Question 4

a)  $20 - 2 = 18$  ✓

b)  $30 - 7 = 23$  ✓

c)  $50 - 5 = 45$  ✓

d)  $90 - 6 = 84$  ✓

e)  $21 - 9 = 12$  ✓

f)  $44 - 5 = 39$  ✓

g)  $63 - 7 = 56$  ✓

h)  $77 - 9 = 68$  ✓

Total 8 /8

### Question 5

Write down the next 3 numbers.

- a) 20 ; 22 ; 24 ; **26 ; 28 ; 30.** ✓ [+2]  
 b) 20 ; 17 ; 14 ; **11 ; 8 ; 5.** ✓ [-3]  
 c) 30 ; 33 ; 36 ; **39 ; 42 ; 45.** ✓ [+3]  
 d) 30 ; 35 ; 40 ; **45 ; 50 ; 55.** ✓ [+5]  
 e) 60 ; 56 ; 52 ; **48 ; 44 ; 40.** ✓ [-4]  
 f) 63 ; 66 ; 69 ; **72 ; 75 ; 78.** ✓ [+3]  
 g) 90 ; 85 ; 80 ; **75 ; 70 ; 65.** ✓ [-5]

Total 7 / 7

### Question 6

- a)  $2 + 3 + 4 = 5 + 4 = 9$  ✓  
 b)  $3 + 3 + 3 = 9$  ✓  
 c)  $\underline{8} + \underline{2} + 5 = \underline{10} + 5 = 15$  ✓  
 d)  $5 + 5 + 5 = 15$  ✓  
 e)  $5 + 6 + 7 = 11 + 7 = 18$  ✓  
 f)  $\underline{7} + 8 + \underline{3} = \underline{10} + 8 = 18$  ✓  
 g)  $\underline{9} + \underline{7} + 6 = \underline{16} + 6 = 22$  ✓  
 h)  $\underline{7} + 6 + \underline{9} = \underline{16} + 6 = 22$  ✓

Total 8 / 8

### Question 7

- a)  $5 - 2 = 3$  ✓ [5 - 3 = 2]  
 b)  $10 - 4 = 6$  ✓  
 c)  $12 - 7 = 5$  ✓  
 d)  $20 - 15 = 5$  ✓  
 e)  $9 - 6 = 3$  ✓ [3 + 6 = 9]  
 f)  $10 - 8 = 2$  ✓  
 g)  $13 - 8 = 5$  ✓  
 h)  $20 - 7 = 13$  ✓

Total 8 / 8

### Question 8

Write down the next 2 numbers.

- a) 70 ; 75 ; 80 ; **85 ; 90.** ✓ [+5]  
 b) 70 ; 80 ; 90 ; **100 ; 110.** ✓ [+10]  
 c) 102 ; 103 ; 104 ; **105 ; 106.** ✓ [+1]  
 d) 102 ; 104 ; 106 ; **108 ; 110.** ✓ [+2]  
 e) 105 ; 108 ; 111 ; **114 ; 117.** ✓ [+3]  
 f) 105 ; 110 ; 115 ; **120 ; 125.** ✓ [+5]  
 g) 130 ; 133 ; 136 ; **139 ; 142.** ✓ [+3]

Total 7 / 7

**Question 9**

- a)  $2 + 2 + 2 = 6$  ✓
- b)  $3 + 3 + 3 + 3 = 12$  ✓
- c)  $4 + 4 + 4 + 4 + 4 = 20$  ✓
- d)  $5 + 5 + 5 + 5 = 20$  ✓
- e) 2 sevens =  $2 \times 7 = 14$  ✓
- f) 3 sixes =  $3 \times 6 = 18$  ✓
- g) 5 tens =  $5 \times 10 = 50$  ✓
- h) 8 fours =  $8 \times 4 = 32$  ✓

Total 8 / 8

**Question 10**

- a)  $2 \times 3 = 6$  ✓
- b)  $5 \times 3 = 15$  ✓
- c)  $4 \times 4 = 16$  ✓
- d)  $7 \times 3 = 21$  ✓
- e)  $5 \times 5 = 25$  ✓
- f)  $9 \times 4 = 36$  ✓
- g)  $6 \times 5 = 30$  ✓
- h)  $7 \times 6 = 42$  ✓

Total 8 / 8

**Question 11**

Double each number.

- a) 12  $20 + 4 = 24$  ✓
- b) 21  $40 + 2 = 42$  ✓
- c) 18  $20 + 16 = 36$  ✓

Halve each number.

- a) 8  $4$  ✓
- b) 12  $6$  ✓
- c) 30  $15$  ✓

Total 6 / 6

**Question 12**

- a)  $2 + 3 = 5$  ✓
- b)  $5 \times 3 = 15$  ✓
- c)  $5 - 3 = 2$  ✓
- d)  $7 \times 4 = 28$  ✓
- e)  $7 + 4 = 11$  ✓
- f)  $7 - 4 = 3$  ✓
- g)  $12 \times 5 = 60$  ✓
- h)  $12 - 5 = 7$  ✓

Total 8 / 8

## Question 13

- a)  $12 \div 2 = 6$  ✓
- b)  $18 \div 3 = 6$  ✓
- c)  $20 \div 4 = 5$  ✓
- d)  $24 \div 3 = 8$  ✓
- e)  $7 \div 2 = 3$  rem 1 ✓
- f)  $14 \div 3 = 4$  rem 2 ✓
- g)  $20 \div 6 = 3$  rem 2 ✓
- h)  $24 \div 5 = 4$  rem 4 ✓

Total 8 /8

## Question 14

True or False?

If false, give the correct answer.

- a)  $4 + 4 + 4 = 3 \times 4$  True. ✓
- b)  $3 \times 5 = 35$  False. 15. ✓
- c) Double 8 = 88 False. 16. ✓
- d)  $30 \div 5 = \text{six}$  True ✓
- e) Half of 44 = 24 False. 22. ✓
- f)  $18 + 12 = 30$  True ✓
- g)  $14 \times 4 = 46$  False. 56. ✓

Total 6 /6

## Question 15

- a)  $20 + 10 + 3 = 33$  ✓
- b)  $20 - 3 = 17$  ✓
- c)  $20 \div 3 = 6$  rem 2 ✓
- d)  $12 \times 4 = 48$  ✓
- e)  $12 + 4 = 16$  ✓
- f)  $40 - 5 - 4 = 31$  ✓
- g)  $40 \div 5 = 8$  ✓
- h)  $45 + 8 = 53$  ✓

Total 8 /8

## Question 16

- a)  $8 + 4 = 12$
- b)  $11 - 3 = 8$
- c)  $3 \times 5 = 15$
- d)  $15 - 12 = 3$
- e)  $9 + 9 = 18$
- f)  $24 \div 3 = 8$
- g)  $7 \times 4 = 28$
- h)  $20 - 14 = 6$

Total 8 /8

### Question 17

Complete:

- a) 1 of 2 equal parts is one **half**. ✓  
 b) 1 of 4 equal parts is one **quarter**. ✓  
 c) 1 of **5** equal parts is one fifth. ✓

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

- a) 1 half is **bigger than** 1 quarter ✓  
 b) 1 third is **smaller than** 2 thirds ✓  
 c) 1 third is **bigger than** 1 fifth ✓  
 d) 1 whole is **bigger than** 4 fifths ✓

Total **7 / 7**

### Question 18

- a) 1 third of 6 =  $6 \div 3 = 2$  ✓  
 b) 1 half of 10 =  $10 \div 2 = 5$  ✓  
 c) 1 quarter of 12 =  $12 \div 4 = 3$  ✓  
 d) 1 fifth of 20 =  $20 \div 5 = 4$  ✓  
 e) 1 third of 12 =  $12 \div 3 = 4$  ✓  
 f) 1 third of 21 =  $21 \div 3 = 7$  ✓  
 g) 1 quarter of 40 =  $40 \div 4 = 10$  ✓  
 h) 1 fifth of 40 =  $40 \div 5 = 8$  ✓

Total **8 / 8**

### Question 19

1. Sam has 30 apples.  
She sells 1 fifth of them.

**Sam sold  $30 \div 5 = 6$  apples.**

- a) Sam has  $30 - 6 = 24$  apples left. ✓  
 b) What fraction of the apples does she have left? **4 fifths** ✓

2. John has 24 stamps. Jane has one third as many stamps as John.

**Jane has  $24 \div 3 = 8$**

How many stamps do they have together?  $24 + 8 = 32$  ✓

Total **3 / 3**

### Question 20

- a)  $80c + 20c = R1$  ✓ [100c]  
 b)  $R1 - 20c = 80c$  ✓  
 c)  $R1,50 + 50c = R2$  ✓ [R1 + R1]  
 d)  $R20 + R5 + 50c = R25,50$  ✓  
 e)  $R4 - R3,90 = 10c$  ✓  
 f)  $20c \times 3 = 60c$  ✓  
 g)  $R36 \div 4 = R9$  ✓  
 h)  $R1 \div 2 = 50c$  ✓

Total **8 / 8**

### Question 21

Complete:

- a) Letty buys 3 chocolates for R6 each and 4 apples for R3 each.

$$\begin{aligned} \text{Total amount spent} \\ &= 3 \times R6 + 4 \times R3 \\ &= R18 + R12 = R30 \quad \checkmark \end{aligned}$$

- b) Sally buys a 5kg bag of sugar, 3kg of rice and 2kg of onions. How much does the food weigh altogether?

$$5\text{kg} + 3\text{kg} + 2\text{kg} = 10\text{kg} \quad \checkmark$$

- c) Kyle wants to buy 40 litres of water. How many bottles of water must he buy if he buys 5-litre bottles?  $40 \div 5 = 8$  bottles.  $\checkmark$

Total 3 / 3

### Question 23

- a)  $6\text{kg} + 5\text{kg} = 11\text{kg} \quad \checkmark$
- b) 1 half of 20kg =  $10\text{kg} \quad \checkmark$
- c) 1 hour =  $60$  minutes  $\checkmark$
- d) 1 year =  $12$  months  $\checkmark$
- e)  $12\text{l} \div 4 = 3\text{l} \quad \checkmark$
- f) 1 third of  $15\text{l} = 15\text{l} \div 3 = 5\text{l} \quad \checkmark$
- g)  $6\text{kg} \times 5 = 30\text{kg} \quad \checkmark$
- h)  $19\text{l} + 6 = 25\text{l} \quad \checkmark$

Total 8 / 8

### Question 22

Complete:

- a) Half past 8 in the morning is written  $8.30$  a.m.  $\checkmark$
- b) Quarter past 10 at night is written  $10.15$  p.m.  $\checkmark$
- c) The number of minutes from 1.30 p.m. until 2 p.m. is  $30$  minutes  $\checkmark$
- d) The number of hours and minutes from 8 a.m. until 10.30 a.m. is  $2$  h  $30$  minutes  $\checkmark$

Total 4 / 4

### Question 24

- a)  $R12 + R7 + R8 = R27 \quad \checkmark$
- b) Half of R32 =  $R16 \quad \checkmark$
- c)  $50\text{kg} - 18\text{kg} = 32\text{kg} \quad \checkmark$
- d)  $R5 - 80\text{c} = R4,20 \quad \checkmark$
- e) Double 7m =  $14\text{m} \quad \checkmark$
- f) 1 third of R30 =  $R30 \div 3 = R10 \quad \checkmark$
- g)  $4 \times 12\text{m} = 48\text{m} \quad \checkmark$
- h)  $40\text{c} + 5\text{c} + 15\text{c} = 60\text{c} \quad \checkmark$

Total 8 / 8