

# Grade 3

QMT1-1

1

Add in 2's:

2; .....; .....; .....; 10; .....

Add in 3's from:

12; .....; .....; .....; .....; 27

Add in 5's from 10 to 25:

.....; .....; .....; .....

Count backwards from 15 to 0 in 3's:

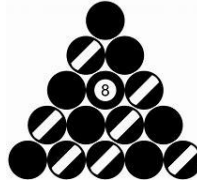
15; .....; .....; .....; .....; 0

Add in 10's from 30 to 70:

30; .....; .....; .....; 70

Write 24 in words:

2



2.1 How many balls are there?

2.2 Take 6 balls away. How many are left?

2.3 Make groups of 3 balls. How many groups are there?

2.4 Make groups of 5 balls. How many groups are there?

2.5 Write the numbers in words:

a) 15

b) 40

3

Complete the puzzle:

3 more than 24 is .....

Subtract 10 ..... What is the number before this number?..... Now add 20 to this number.....

4

Determine the value of:

$12 - 2 = \dots\dots\dots$

$4 + 8 = \dots\dots\dots$

$20 + 5 = \dots\dots\dots$

$15 - 5 = \dots\dots\dots$

1

# Grade 3

# QMT1-2

5

- 5.1 Arrange the numbers in descending order: 26; 12; 17; 10; 9
- 5.2 Arrange the numbers in ascending order: 21; 11; 8; 23; 15
- 5.3 Use <; >; or =
- 24 ..... 10 + 15
- 18 + 3 ..... 9 + 12
- 16 - 4 ..... 10
- 5.4 Count backwards in 2's from 50 to 32
- 5.5 Count backwards in 10's from 70 to 10

6

Complete the table:		
number	3 more	3 less
45		
30		
Complete the table:		
number	10 more	10 less
23		
32		
Complete the table:		
number	5 more	5 less
41		
24		
Complete the table:		
number	2 more	2 less
58		
40		

7

- Write down the numbers between:
- 7.1 78 and 92
- 7.2 101 and 115
- 7.3 184 and 200
- 7.4 50 and 60
- 7.5 75 and 84

8

- How many 10's are there in?
- 8.1 62
- 8.2 81
- How many units are there in?
- 8.3 43
- 8.4 78

9

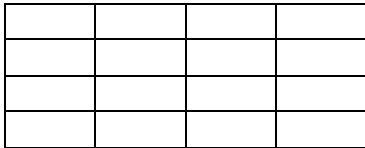
9.1 Double the following numbers:

12; 31; 52

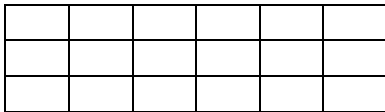
9.2 Halve the following numbers:

46; 32; 58

9.3 Colour in half of the blocks



9.4 Double the blocks



11

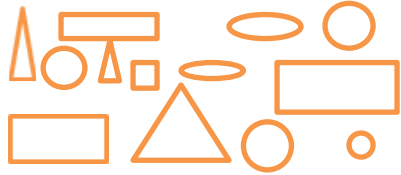
Calculate:

11.1  $3 \times R5$

11.2  $6 \times R2$

11.3  $5 \times 50c$

10



10.1 How many rectangles are there?

10.2 How many circles are there?

10.3 Which other object has less than 4 angles?

10.4 How many of these objects are there?

10.5 Name the object that has as many angles as a rectangle?

10.6 How many objects have a curved side?

12

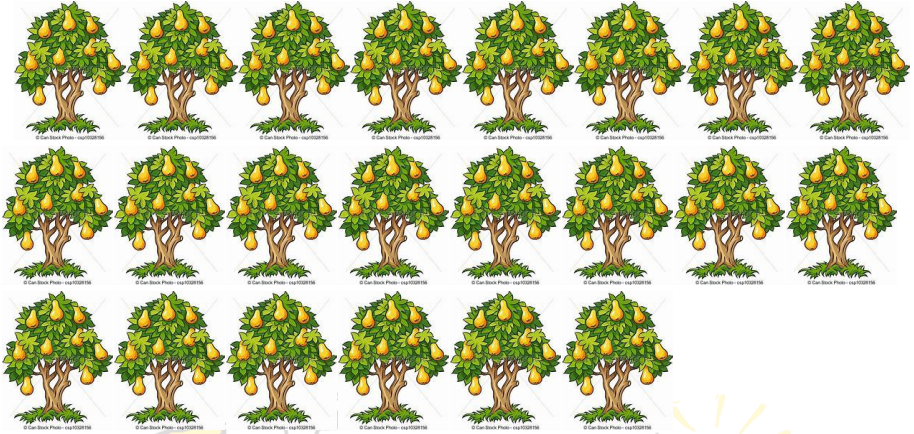
Calculate:

12.1  $2 \times R5 + 3 \times R1 + 6 \times 50c$

12.2  $10 \times 10c + 3 \times R2$

12.3  $10 \times R2 - 5 \times R1$

1



- a) How many pear trees are there in the orchard?
- b) Halve the number of trees. How many trees are there in each group?
- c) How many pears are on each tree?
- d) How many pears will there be on 5 trees?
- e) If the trees are divided in groups of three, are there any trees left?
- f) If there are trees left, how many are there?
- g) How many trees will give 99 pears?

# Grade 3

# MWT1-2

2.1 Choose and write down the correct answer:

- 2.1.1 a)  $6 + 8 < 19 - 9$  b)  $28 + 12 = 50 - 10$   
c)  $36 - 8 = 25$  d)  $85 - 8 > 90 - 13$

- 2.1.2 a) 5 less than 18 is 23 b) 8 less than 15 is 23  
c) 15 more than 8 is 23 d) 5 more than 8 is 23

2.1.3 5:30 in 12-hour time is ...

- a) 17:30 b) 18:30  
c) 12:30 d) 15:30

2.1.4 Half of 146 is ...

- a) 123 b) 88  
c) 71 d) 73

2.1.5 39 doubled is ...

- a) 618 b) 78  
c) 93 d) 69

2.2 What is the value of the underlined digits?

- 128
- 94
- 166

2.3 Write the number: 2 hundreds; 3 tens; 9 units

2.4 Add 4 tens and 0 units to the value in 2.3. Write the answer.

2.5 Subtract 6 tens and 5 units from the value in 2.4. Write the answer.

1.1 Write the numbers in words:

Number symbol	Number name
85	
102	
98	
43	

1.2 Complete the table below:

Number name	Number symbol	10 more	3 less
fifty-two			
one hundred and eighty-six			
forty-nine			
twenty-six			

1.3 State if the following is true or false:

$15 + 4 > 4 + 15$  .....

$21 + 9 = 31$  .....

$27 - 5 < 6 + 8 + 10$  .....

$85 - 10 > 70 + 15$  .....

$25 = 45 - 20$  .....

# Grade 3

# MQT1-2

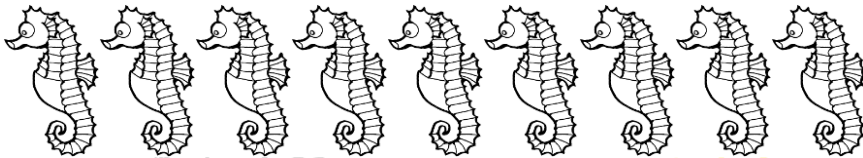
2.1 Arrange the numbers in descending order:

65; 102; 79; 33; 156

2.2 Arrange the numbers in ascending order:

24; 12; 62; 18; 9

2.3 Write in the missing numbers:



800

300



21

12

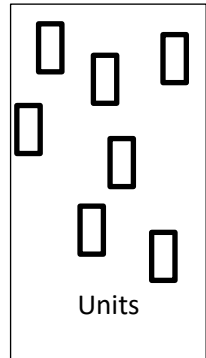
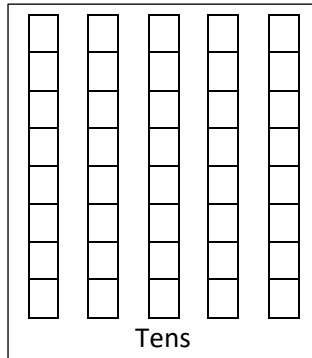
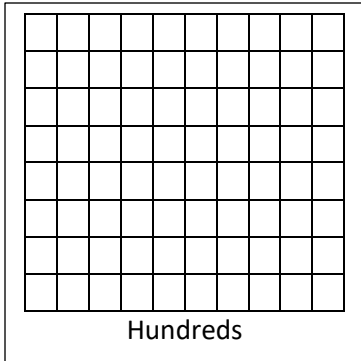


18



8

Use the number block to answer the questions:



- 3.1 What number is represented?
- 3.2 How many tens are there in the hundreds blocks?
- 3.3 How many units can be added to carry over to the tens?
- 3.4 If 5 tens are taken away, what will the new value be?
- 3.5 Write the number that is 5 more than in the number block.
- 3.6 Write the number that is 10 less than in the number block.
- 3.7 Place 136 on the number line.



130






- 3.8 What is 2 less than 136? Place this value on the number line.
- 3.9 Subtract 38 from 136. Write down the answer.
- 3.10 What must be added to 136 to get 200?
- 3.11 At which number does the number line end?





# Grade 3

# MQT1-3

3.1 Draw a straight line to match Column 1 with Column 2.

COLUMN 1	COLUMN 2
	two sixths
	one sixth
	two thirds
	a half
	one whole

3.2 Complete the table:

Add backwards in 10's	120							
		Add in 5's 						
				120				
	90							
		Add backwards in 3's 						
			44		38			

3.3


- How many blocks are there?
- Colour in half of the blocks.
- How many blocks are coloured in?
- Colour in  $\frac{3}{4}$  of the blocks.


- How many blocks are not coloured in?

4.1 Complete the patterns:



c) 300; 320; .....; .....; 380; .....

d) 1; 3; 5; 1; .....; .....; .....; .....



4.2 This is money that must be used to buy groceries:



- Give the money value of
  - a) R1 .....
  - b) R2 .....
  - c) R5 .....
- How much money is there altogether?
- This is the list of groceries  
 Bread: R10; Cold meat: R15; Tomatoes: R8; Onions: R6;  
 Tomato sauce: R14; Butter: R25  
 What is the total value of the groceries if everything is bought on the list?
- There isn't enough money to buy all the groceries. How much is outstanding?

4.1 Use the information to answer the questions below:

SUPERHERO FIGURINES	PRICE
1.Batman	R15.80
2.Superman	R18.20
3.Wonder Woman	R16.50
4.Flash	R10.70



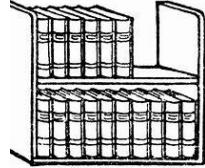
- Cut out the pictures and arrange the figurines in the same order as in the table.
- If you buy Superman and Flash, what will it cost you?
- Arrange the prices from cheapest to most expensive.
- Sell the Flash figurine to a friend for R10 more. How much must your friend pay you?
- If you buy Batman and Wonder Woman, how many R10's; R5's; R2's; R1's; 50c; 20c and 10c are you going to use?
- What is the total cost of all the figurines?

Photocopy one row per learner to complete 4.1



5.1

- a) Sino has 36 books. She wants to give a quarter of the books to the old age home. How many books is she giving away?



- b) Of the books which she has left, she gives a third to the school. How many books does she have left?


5.2 Use the calendar to answer the questions.

MAY						
M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			


- a) How many days are there in May?  
 b) Which month is before May?  
 c) How many full weeks are there in May?  
 d) Thabo's birthday is on the 19<sup>th</sup> of May. On which day does it fall?  
 e) Today is the 6<sup>th</sup>, how many days before it is Thabo's' birthday?  
 f) The first of June falls on which day?

6.1 Write the time in words and digital:




a)  Words.....  
Digital.....



b)  Words.....  
Digital.....

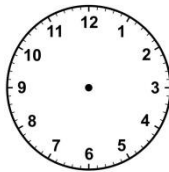


c)  Words.....  
Digital.....

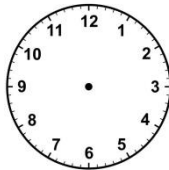


6.2 Draw the time on the watch.

a) 11:30



b) 10:45



- 6.1 This is the ice-cream sales in Plettenberg Bay from January to April.



- In which month were the most ice-creams sold?
- Why do you think that in this month the ice-cream sales were the most?
- How many more ice-creams were sold in January than in February?
- How many ice-creams were sold in April?

- 6.2 Calculate the following:

- Thandi has 40 sweets that she wants to share amongst herself and 4 friends. How many will each one receive?
- If 1 Barbie doll is R18.90 and 1 toy car is R11.60. What will you pay for 2 Barbie dolls and 3 toy cars?
- A train leaves Station A at 08:30 and arrives at Station B at 11:45. How long was the ride?

# Grade 3

# MGT1-1

Through a dice. Move your colour buttons according to the number on the dice. Answer the sum of the colour you land on. If wrong, move 3 spaces back. The one that passes 50, wins.

**Mathematical Snake and Ladders**

41	42	43	44	45	46	47	48	49	50
40	39	38	37	36	35	34	33	32	31
21	22	23	24	25	26	27	28	29	30
20	19	18	17	16	15	14	13	12	11
1	2	3	4	5	6	7	8	9	10

**How to play?**  
Play snake and ladders but when you land on a square answer the mathematical problem to continue. If you answer the question wrong please move back three spaces.

Created by Year 4 children at Whinlatter Hill Primary School



Photocopy this page for the learners, that they can play the game by writing the correct answer down.

$$9 + 5 = 15 - 4 = 20 - 8 = 20 + 8 = 50 + 41 = 23 - 4 = 32 - 9 = 51 - 6 =$$
$$21 + 21 = 19 + 21 = 46 - 40 = 36 + 15 = 100 - 25 = 105 + 63 = 59 - 45 =$$
$$76 - 45 = 82 + 28 = 156 - 52 = 92 - 9 = 164 + 26 = 200 - 75 = 61 + 81 =$$
$$40 + 60 = 92 - 9 = 61 - 9 =$$

$$8 \times 3 = 9 \times 2 = 5 \times 5 = 7 \times 4 = 6 \times 3 =$$

$$2 \times 5 = 7 \times 5 = 4 \times 5 = 8 \times 4 = 9 \times 3 =$$

$$3 \times 3 = 4 \times 2 = 4 \times 4 = 9 \times 5 = 8 \times 2 =$$

$$1 \times 5 = 6 \times 5 = 6 \times 4 = 7 \times 2 = 9 \times 4 =$$

Write the times down in words

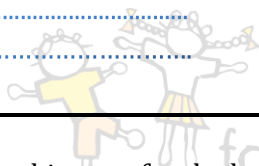
10:15 .....

9:30 .....

11:45 .....

2:00 .....

3:30 .....



the bitou  
foundation 10  
"supporting schooling for excellence"

Photocopy this page for the learners, that they can play the game by writing the correct answer down.

$$9 + 5 = 15 - 4 = 20 - 8 = 20 + 8 = 50 + 41 = 23 - 4 = 32 - 9 = 51 - 6 =$$
$$21 + 21 = 19 + 21 = 46 - 40 = 36 + 15 = 100 - 25 = 105 + 63 = 59 - 45 =$$
$$76 - 45 = 82 + 28 = 156 - 52 = 92 - 9 = 164 + 26 = 200 - 75 = 61 + 81 =$$
$$40 + 60 = 92 - 9 = 61 - 9 =$$

$$8 \times 3 = 9 \times 2 = 5 \times 5 = 7 \times 4 = 6 \times 3 =$$

$$2 \times 5 = 7 \times 5 = 4 \times 5 = 8 \times 4 = 9 \times 3 =$$

$$3 \times 3 = 4 \times 2 = 4 \times 4 = 9 \times 5 = 8 \times 2 =$$

$$1 \times 5 = 6 \times 5 = 6 \times 4 = 7 \times 2 = 9 \times 4 =$$

Write the times down in words

10:15 .....

9:30 .....

11:45 .....

2:00 .....

3:30 .....