



"supporting schooling for excellence"

NAME: _____ **MEMO** _____

GRADE: **3**



TERM: **1** "supporting schooling for excellence"

TEACHER: _____

SCHOOL: _____

QUICK MATHS

1

Add in 2's
2; 4; 6; 8; 10; 12

Add in 3's from
12; 15; 18; 21; 24; 27

Add in 5's from 10 to 25
10; 15; 20; 25


Count backwards from 15 to 0
in 3's
15; 12; 9; 6; 3; 0

Add in 10's from 30 to 70
30; 40; 50; 60; 70

Write 24 in words
Twenty four

thirty-two 32

2



- How many balls are there?
15 balls
- Take 6 balls away. How many are left? **9 balls are remaining**
- Make groups of 3 balls. How many groups are there? **5 groups**
- Make groups of 5 balls. How many groups are there? **3 groups**

Write the numbers in words

15 Fifteen

40 forty

3

Complete the puzzle

3 more than 24 is 27

Subtract 10 17 . What is the number before this number?
16 Now add 20 36.

$12 - 2 = 10$

$4 + 8 = 12$

$20 + 5 = 25$

$15 - 5 = 10$

Write down the number:

twenty-six . 26

thirty 30

forty-eight 48

4

Arrange the numbers in descending order: 26; 12; 17; 10; 9; 26; 17; 12; 10; 9

Arrange the numbers in ascending order: 21; 11; 8; 23; 15; 8; 11; 15; 21; 23

Use <, >, or =

$24 < 10 + 15$

$18 + 3 = 9 + 12$

$16 - 4 > 10$

Count backwards in 2's from 50 to 32
50; 48; 46; 44; 42; 40; 38; 36; 34; 32;

Count backwards in 10's from 70 to 10
70; 60; 50; 40; 30; 20; 10

5

Complete the table		
number	3 more	3 less
45	48	42
30	33	27

Complete the table		
number	10 more	10 less
23	33	13
32	42	22

Complete the table		
number	5 more	5 less
41	46	36
24	29	19

Complete the table		
number	2 more	2 less
58	60	56
40	42	38

6

Write down the numbers between:

78 and 92
79; 80; 81; 82; 83; 84; 85; 86; 87; 88; 89; 90; 91; 92

101 and 115
102; 103; 104; 105; 106; 107; 108; 109; 110; 111; 112; 113; 114

184 and 200
185; 186; 187; 188; 189; 190; 191; 192; 193; 194; 195; 196; 197; 198; 199

How many 10's are there in?

62 6

81 8

How many units are there in?

43 3

78 8

QUICK MATHS

7

Double

12 24

31 62

52 104

Halve


46 23

32 16

58 29

Colour half of the blocks in

8



How many rectangles are there? 2

How many circles are there? 5

Which other object has less than 4 angles? Triangle

How many of these objects are there? 3

Which object has as many angles as a rectangle? Square

9

Calculate

$9 + 5 = 14$ $15 - 4 = 11$

$20 - 8 = 12$ $20 + 8 = 28$

$50 + 41 = 91$ $23 - 4 = 19$

$32 - 9 = 23$ $51 - 6 = 45$

$21 + 21 = 42$ $19 + 21 = 40$

$46 - 40 = 6$ $36 + 15 = 51$

$100 - 25 = 75$ $105 + 63 = 168$

$59 - 45 = 14$ $76 - 45 = 31$

$82 + 28 = 110$ $156 - 52 = 104$

$164 + 26 = 190$ $200 - 75 = 125$

$61 + 81 = 142$ $40 + 60 = 100$

$92 - 9 = 83$ $61 - 9 = 52$

10

Write the times down in words


10:15 quarter past ten

9:30 half past nine

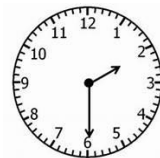
11:45 quarter to twelve

2:00 two o'clock

Write the digital time



4.15 or 16.15



2.30 or 14.30

11

Calculate

$8 \times 3 = 24$ $9 \times 2 = 18$

$5 \times 5 = 25$ $7 \times 4 = 28$

$6 \times 3 = 18$ $2 \times 5 = 10$

$7 \times 5 = 35$ $4 \times 5 = 20$

$8 \times 4 = 32$ $9 \times 3 = 27$

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

$4 \times 4 = 16$ $9 \times 5 = 45$

$8 \times 2 = 16$ $1 \times 5 = 5$


$2 \times 2 = 4$ $6 \times 5 = 30$

$6 \times 4 = 24$ $3 \times 1 = 3$

$7 \times 2 = 14$ $9 \times 4 = 36$

12

MONEY



Calculate

$3 \times R5 = R15$

$6 \times R2 = R12$

$5 \times 50c = R2.50$

$2 \times R5 + 3 \times R1 + 6 \times 50c$
= R16

$10 \times 10c + 10 \times 20c + 3 \times R2$
= R9

$10 \times R2 - 5 \times R1 = R15$

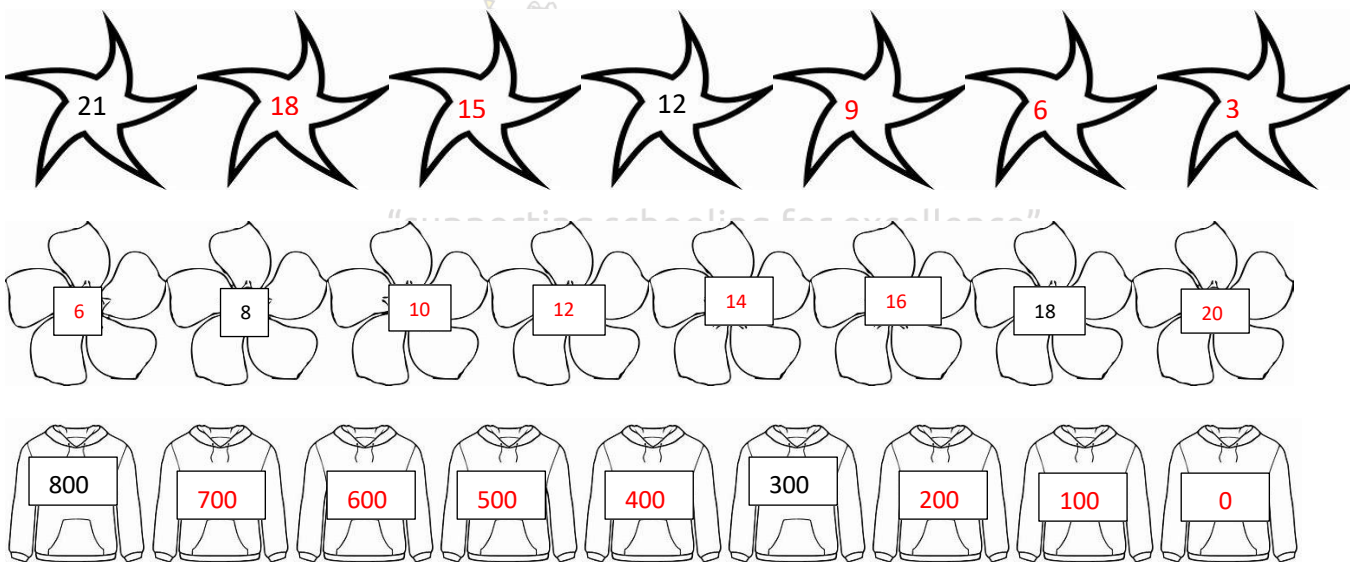
QUESTION 1



- a) How many pear trees are there in the orchard? 22
- b) Halve the number of trees. How many trees are there in each group? 11
- c) How many pears are on each tree? 9
- d) How many pears will there be on 5 trees? $9 \times 5 = 45$ pears
- e) If the trees are divided in groups of three, are there any trees left? yes
If there are trees left, how many are there? 1 tree
- f) How many trees will give 99 pears? $99 \div 9 = 11$ trees

QUESTION 2

2.1 Write the missing numbers in the figures



2.2 Use the information to complete the table

Add backwards in 10's	120							
	110	Add in 5's						
	100	105	110	115	120	125	130	135
	90							
	80							
	70							
	60	Add backwards in 3's						
	50	47	44	41	38	35	32	29

2.3 Write the numbers in words

Number symbol	Number name
85	eighty five
102	one hundred and two
98	ninety eight
43	forty three

2.4

Number name	Number symbol	10 more	3 less
fifty-two	52	62	49
hundred and eighty-six	186	196	183
forty-nine	49	59	46
twenty-six	26	36	33

2.5 Indicate if the statement is true or false

$15 + 4 > 4 + 15$ false

$21 + 9 = 31$ false

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

$85 - 10 > 70 + 15$ false

$25 = 45 - 20$ true

2.6 Arrange the numbers in descending order

65; 102; 79; 33; 156

156; 102; 79; 65; 33.

Arrange the numbers in ascending order

24; 12; 62; 18; 9

9; 12; 18; 24; 62



2.7 Circle the correct answer

2.7.1

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

2.7.2

- 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

2.7.3 5.30 in 12-hour time is ...

- a) 17.30
- b) 18.30
- c) 12.30
- d) 15.30

2.7.4 Half of 146 are ...

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



2.7.5 39 doubled are ...

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

2.8 What is the value of the underlined digits?

- 128 8
- 94 90
- 166 100

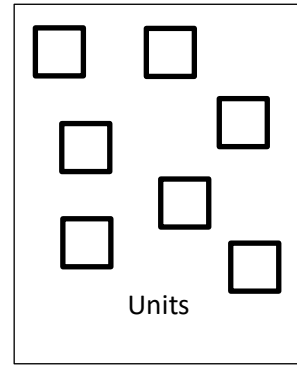
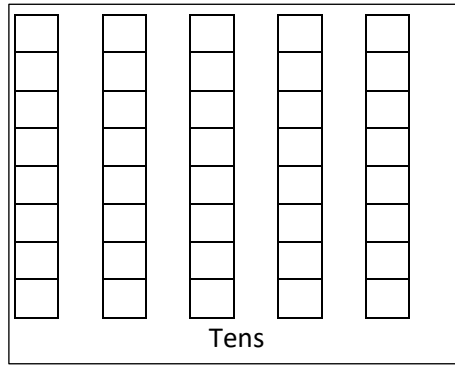
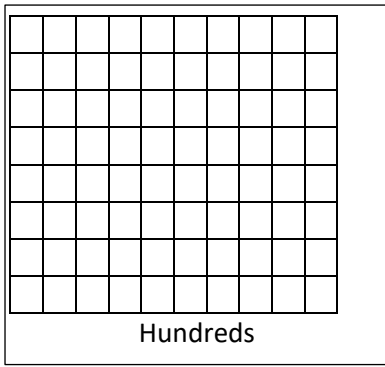
2.9 What is the number that consists out of 2 hundreds; 3 tens and 9 units? **239**

2.10 Add 4 tens and 0 units to the value in 2.9, what is the answer? **279**

2.9.11 Subtract 6 tens and 5 units from the value in 2.9, what is your answer? **174**

QUESTION 3

Use the number block to answer the questions



- 3.1 What number is represented? 197
- 3.2 How many tens are there in the hundreds blocks? 10 tens
- 3.3 How many units can be added to take over to the tens? 3units
- 3.4 If 5 tens are taken away, what will the new value be? 147
- 3.5 Write the number that is 5 more than in the number block. 202
- 3.6 Write the number that is 10 less than in the number block. 187

QUESTION 4

4.1 Place 136 on the number line



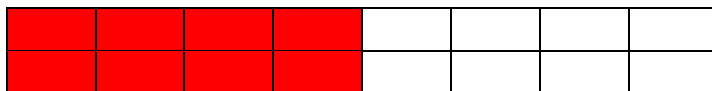
- 4.2 What is the number 2 less than 136? Place this value on the number line . 134
- 4.3 Subtract 38 from 136. What is the new number? 98
- 4.4 What must be added to 136 to get 200? $200 - 136 = 64$
- 4.5 At which number does the number line end? 140

QUESTION 5

5.1 Match Column 1 to Column 2 by drawing a straight line

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

5.2



- a) How many blocks are there? 16
- b) Colour in half of the blocks
- c) How many blocks are coloured in? 8
- d) Colour in $\frac{3}{4}$ of the blocks



- e) How many block are not coloured in? 4

5.3

- 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?



$36 \div 4 = 9$ books

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

$36 - 9 = 27$

$27 \div 3 = 9$ books left

QUESTION 6

“supporting schooling for excellence”

6.1 Complete the patterns

- a)

- b)

- c) 300; 320; 340; 360; 380; 400

- d) 1; 3; 5; 1; 3; 5; 1; 3

e)



6.2 Use the 2D forms and make your own pattern



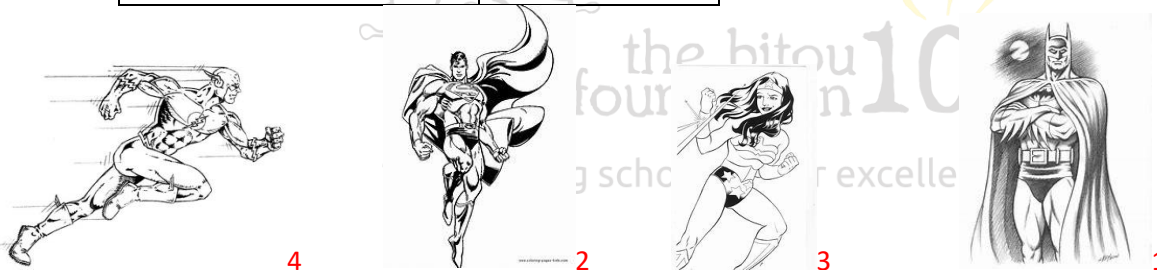
LEARNERS ARE DOING THEIR OWN PATTERNS

6.3 Complete the pattern

CATTLE	2	4	10	36	55
NUMBER OF FEET	8	16	40	144	220

6.4 Use the information to answer the questions

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



a) Arrange the figurines with numbers next to the pictures that they are in the same order as in the table.

b) If you buy Superman and Flash, what will it cost you?

$$\begin{array}{r}
 R \ 1 \ 8. \ 2 \ 0 \\
 R \ 1 \ 0. \ 7 \ 0 \\
 \hline
 R \ 2 \ 8. \ 9 \ 0
 \end{array}$$

c) Arrange the prices from cheapest to most expensive

R10.70; R15.80; R16.50; R18.20

d) Sell the Flash figurine to a friend for R10 more. How much must your friend pay you?

$$R10.70 + R10.00 = R20.70$$

e) 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?

Batman R15.80 1x R10; 1xR5; 1x50c; 1x 20c; 1x 10c
 Wonder woman R16.50 1X R10; 1X R5; 1X R1; 1X 50c
 Total units of money 2x R10; 2X R5; 1X R1; 2X 50c; 1x 20c; 1x 10c

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



- Give the money value of
 - a) R1 R11.00
 - b) R2 R20.00
 - c) R5 R35.00

- How much money is there altogether?

$$R11.00 + R20.00 + R35.00 = R66.00$$

- 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?

$$R10 + R15 + R8 + R6 + R14 + R25 = R78$$

- There isn't enough money to buy all the groceries. How much is outstanding?

$$R78 - R66 = R12 \text{ OUTSTANDING}$$

QUESTION 7

7.1 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? 31 days
- b) Which month is before May? April

- c) How many full weeks are there in May? **3 full weeks.**
- d) Thabo's birthday is on the 19th of May. On which day does it fall? **Saturday**
- e) Today is the 6th, how many days before it is Thabo's' birthday? **13 days**
- f) The first of June falls on which day? **Friday**

7.2 Write the time in words and digital



- a) Words **two o'clock** Digital **2:00 or 14:00**



- b) Words **ten minutes to two** Digital **1:50 or 13:50**

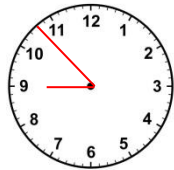


- c) Words **twelve minutes past ten** Digital **10:12 or 22:12**

7.3 Draw the time on the watch



- a) 11.30

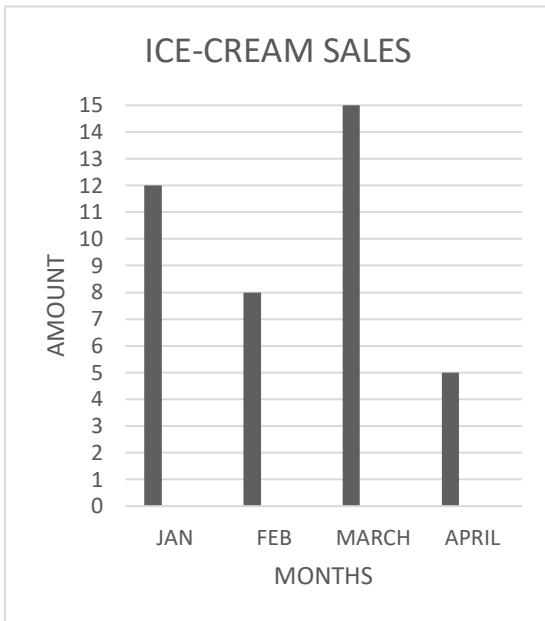


- b) 10.45



QUESTION 8

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



- a) In which month were the most ice-creams sold? **March**
- b) Why do you think that in this month the ice-cream sales were the most? **March is school holidays and still warm**
- c) How many more ice-creams were sold in January than in February? **$12 - 8 = 4$ more**
- d) How many ice-creams were sold in April? **5 ice creams were sold**

8.2 Calculate the following

- a) Thandi has 40 sweets that she wants to divide between herself and 4 friends. How many will each one get?
 $40 \div 5 = 8$ sweets each "supporting schooling for excellence"
- b) 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?
2 x Barbie dolls 2 x R18.90 = R37.80
3 x toy cars 3 x R11.60 = R34.80
Total = R37.80 + R34.80 = R72.60
- c) A train leaves Station A at 08.30 and arrives at Station B at 11.45. How long was the ride?
 $11:45 - 08:30 = 03:15$
The journey were 3 hours and 15 minutes