

INSTRUCTIONS:

- Read your questions carefully.
- Answer all questions.
- Write neatly and legibly.
- Calculators are not allowed

SECTION A: NUMBERS, OPERATIONS AND RELATIONSHIPS

QUESTION 1

1.1) Circle all of the odd numbers in the table below:

809	157	322	15
638	441	297	168
300	241	358	203
999	842	153	765

(10)

1.2) Calculate and fill in the answers:

a. The next even number after 5 632 is _____

b. The next odd number after 4 149 is _____ **(2)**

1.3) Round the following numbers to the nearest 100:

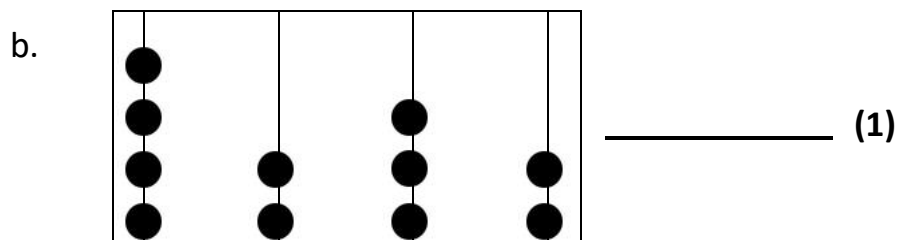
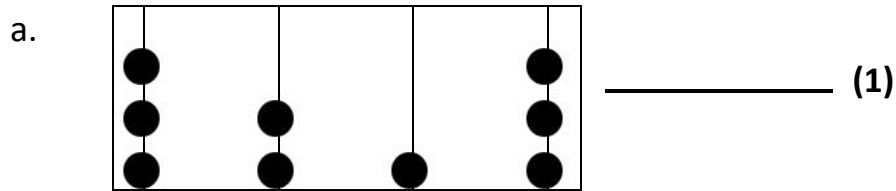
a. 356 _____

b. 189 _____

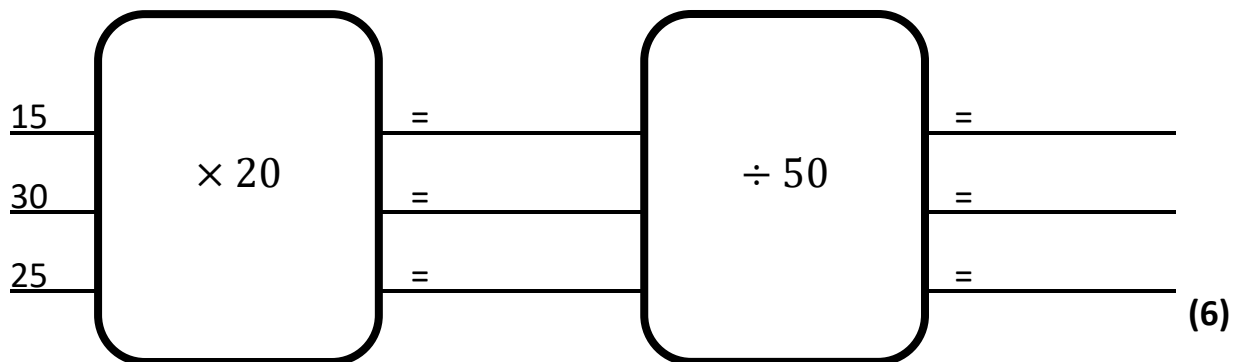
c. 246 _____ **(3)**

QUESTION 2

2.1) Write down the number show by each abacus below:



2.2) Fill in the missing numbers by completing the spider diagram:



2.3) Fill in $<$, $>$ or $=$ in the place of the star:

a. 4 962 * 2 469

b. 1 384 * 5 684

c. 3 020 * 3 200

d. 6 681 * 6 681

(4)

QUESTION 3

3.1) Calculate the answers and show all the steps of the method you use:

a. $3\,468 + 9\,156$

(2)

b. $5\,773 + 2\,010$

(2)

c. $6\,915 - 1\,193$

(2)

d. $8\,527 - 6\,394$

(2)

e. $252 \div 3$

(3)

f. 42×6

(3)

g. 31×12

(3)

h. $369 \div 9$

(3)

3.2) Solve the following problems:

- a. Grandma bakes 20 biscuits and shares the biscuits between 4 children. How many biscuits will each child get?

(3)

- b. Karen buys 12 apples. She eats 2 and gives 7 to her friends. How many apples does she have left?

(2)

SECTION B: PATTERNS AND FRACTIONS

QUESTION 1

1.1) Complete the following number patterns: **(5)**

- a. 31 ; 34 ; 37 ; 40 ; ____ ; ____ ; ____
- b. 20 ; 40 ; 60 ; ____ ; ____ ; ____ ; ____
- c. 11 ; 21 ; 31 ; ____ ; ____ ; ____

1.2) Complete the following tables:

a.

Rule:	Input	1	2	3	4	5	6
X 4	Output	4					

b.

Input	1	2	3	4	5	6	7
Output	6			24			

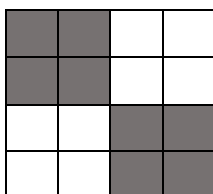
(5)

Write down the rule for table b _____ **(2)**

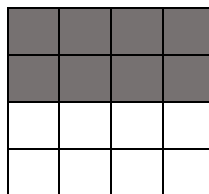
QUESTION 2

2.1) What fraction of each shape is coloured in?

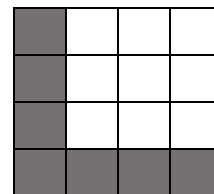
a.



b.



c.

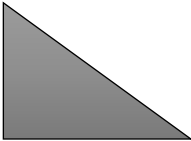
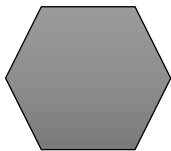
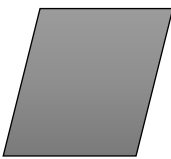
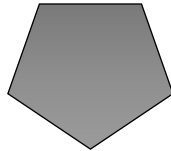


(3)

SECTION C: SPACE AND SHAPE

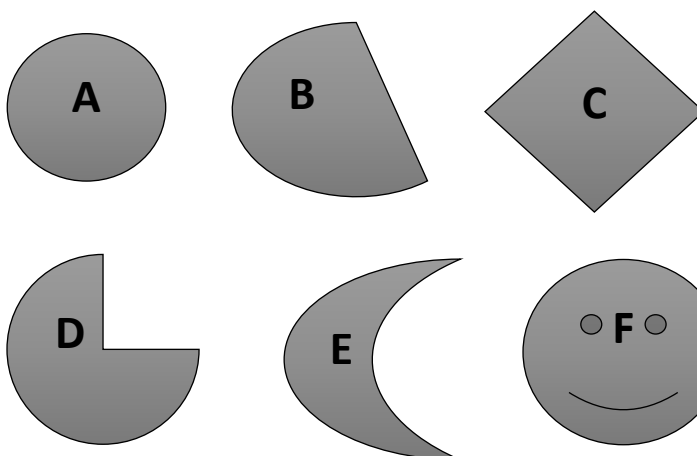
QUESTION 1

1.1) Complete the following table of polygons:

Type of polygon	Number of sides	Name of polygon
		Triangle
		
	4	
		

(6)

1.2) Write down the letters of the shapes which only have curved sides:



_____ (3)

QUESTION 2

2.1) Find the lines of symmetry of each shape below:

a.



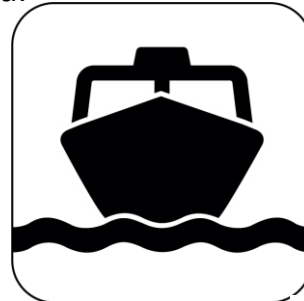
b.



c.



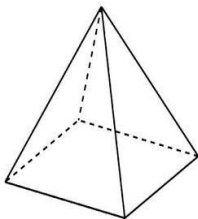
d.



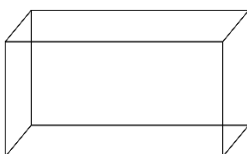
(4)

QUESTION 3

3.1) Connect the 3D shapes to the appropriate name:



Cylinder



Pyramid



Rectangular prism (3)

SECTION D: MEASUREMENT AND TIME

QUESTION 1

1.1) How long is the pencil in centimetres and in millimetres?



cm _____ (1) mm _____ (1)

1.2) Convert the following measurements to millimetres:

a. 5 cm _____

b. 254 cm _____

c. $5\frac{1}{2}$ cm _____ (3)

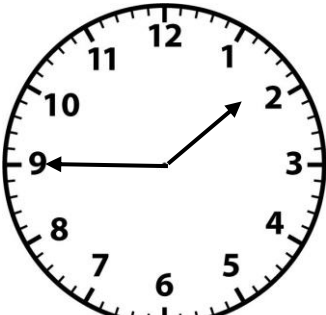
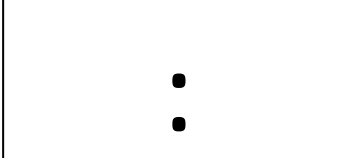
1.3) Convert the following measurements to centimetres:


a. 400 mm _____

b. 3 670 mm _____ (2)

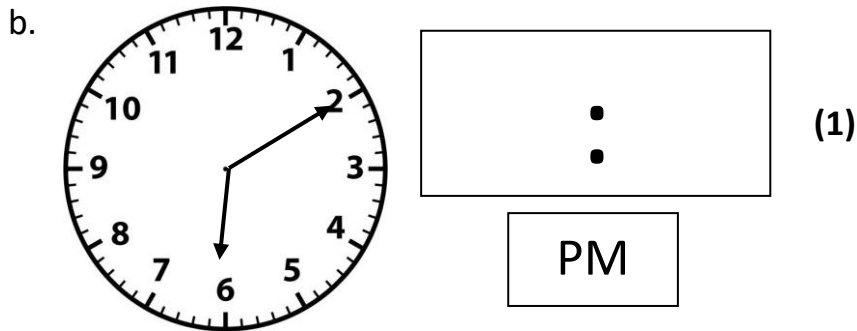
QUESTION 2

2.1) Read and write the time show on the clocks in digital and analogue time:

a.   (1)



Analogue: _____ (1)



Analogue: _____ (1)

SECTION E: DATA HANDLING

QUESTION 1

1.1) The table below compares the Grade 4 and Grade 5 learners' favourite subjects. Answer the questions which follow.

Subject	Grade 4	Grade 5
Mathematics	8	6
Natural Science	3	10
English	11	3

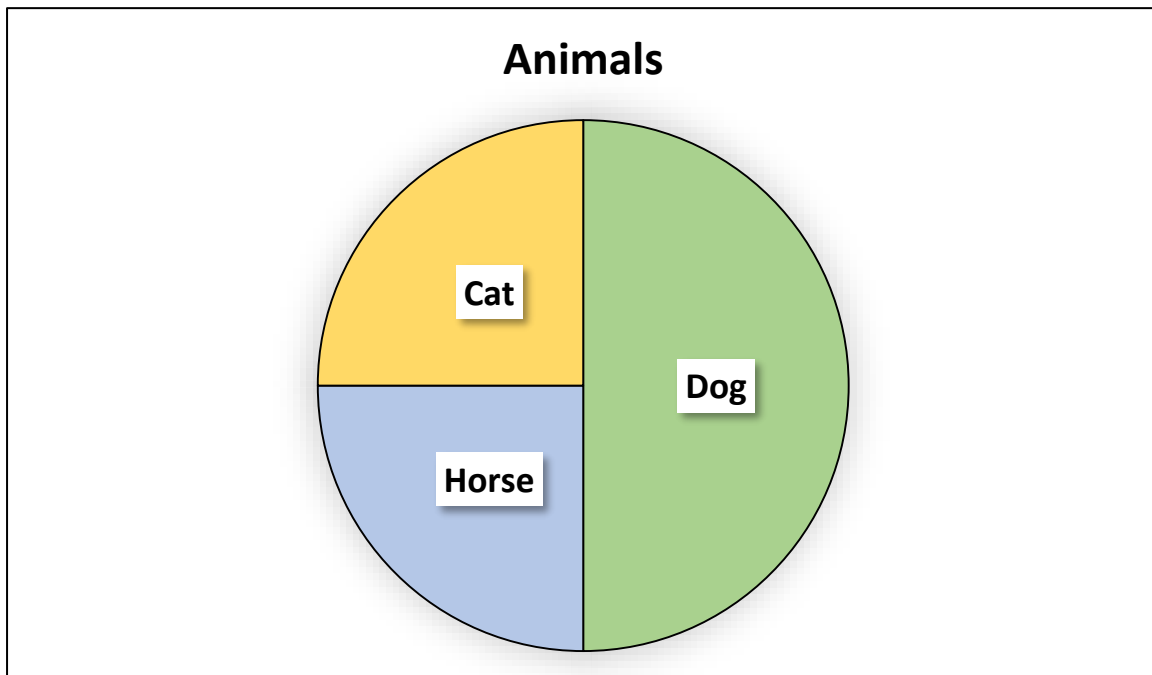
a. How many learners from each grade took part in this survey?

Grade 4 _____ (1) Grade 5 _____ (1)

b. Which two subjects were the least popular in grade 4?

_____ and _____ (2)

1.2) Look at the pie chart below. 12 learners were asked what their favourite animal is.



a. How many learners said that **Horses** are their favourite animals?

_____ (1)

b. How many learners said that **Dogs** are their favourite animals?

_____ (1)

THE END

TOTAL: 100