education
Department: Education
GAUTENG PROVINCE

EKURHULENI NORTH DISTRICT

COMMON EXAMINATION

NOVEMBER 2018

GRADE 4

MATHEMATICS

NAME OF SCHOOL:	
NAME AND SURNAME OF LEARNER:	
GRADE:	
MARK ALLOCATION:	60 MARKS
DURATION:	75 MINUTES
PAGES	12

INSTRUCTIONS

1. Read all the questions carefully.
2. Question 1 consists of 10 multiple-choice questions. Circle the letter of the correct answer.
3. Answer question 2 – 10 in the space provided.
4. All calculations must be shown on the question paper and may not be done on separate paper.
5. Write neatly and legibly.
6. The use of a calculator is not allowed.

QUESTION	1	2	3	4	5	6	7	8	9	10	TOTAL	%
POSSIBLE MARK	11	8	12	5	5	6	3	3	4	3	**60**	**100**
LEARNERS MARK												
MODERATOR												

QUESTION 1

MULTIPLE CHOICE QUESTIONS

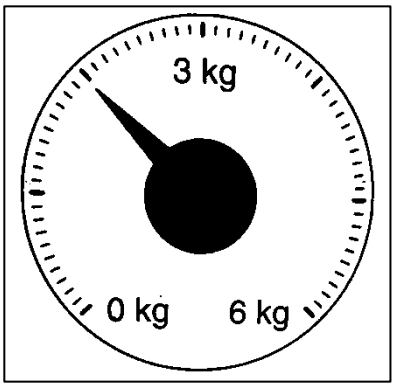
1. Circle the letter of the correct answer

1.1 What is the value of the underlined digit in 81**6**7?

a) 6
b) Tens
c) 60
d) 600

(1)

1.2 Identify the mass shown on the scale below:



a) 1,5 kg
b) 0,2 kg
c) 2 kg
d) 1 kg

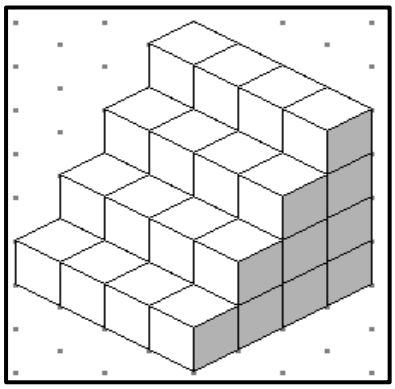
(1)

1.3 200 mm = ….. cm

a) 2
b) 2000
c) 200
d) 20

(1)

1.4 Find the volume of the 3-D object below;



a) 40 cubic units
b) 16 cubic units
c) 26 cubic units
d) 36 cubic units

(1)

1.5 The tallies 𝍸 𝍸 | | | means an item has been counted …. times.

a) 10
b) 11
c) 13
d) 23

(1)

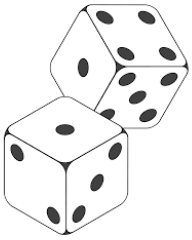
1.6 Which time is in the afternoon?

a) 10:00
b) 6 am
c) 20:00
d) 2:30 pm

(1)

1.7 What is the probability of the following: If you throw a die, what is the chance that you will throw an even number?

a) 1 out of 6
b) 2 out of 6
c) 3 out of 6
d) 4 out of 6



(1)

1.8 What is the difference between (5 x 7) and (7 x 7)?

a) 7

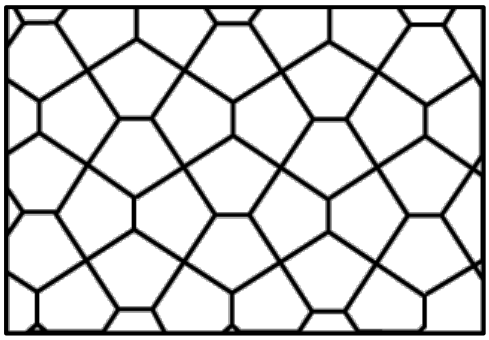
b) 14

c) 84

d) 26

(1)

1.9 Look at the pattern below. Identify the name of the shape that has been tessellated in the pattern?



a) Hexagon

b) Octagon

c) Pentagon

d) Heptagon

(1)

1.10 Which is the correct sign to make a number sentence true (>, <, =)

59 – 12 ☐ 40 + 7

a) <
b) >
c) =

(2)

Total: ____ / **11**

QUESTION 2

COUNTING, ORDERING, COMPARING AND REPRESENTING WHOLE NUMBERS

2. Answer the following questions;

2.1 Order the numbers from smallest to biggest;

4357; 5374; 4375; 3457; 4573; 3547;

_____ (2)

2.2 What is the next odd number after 2595.

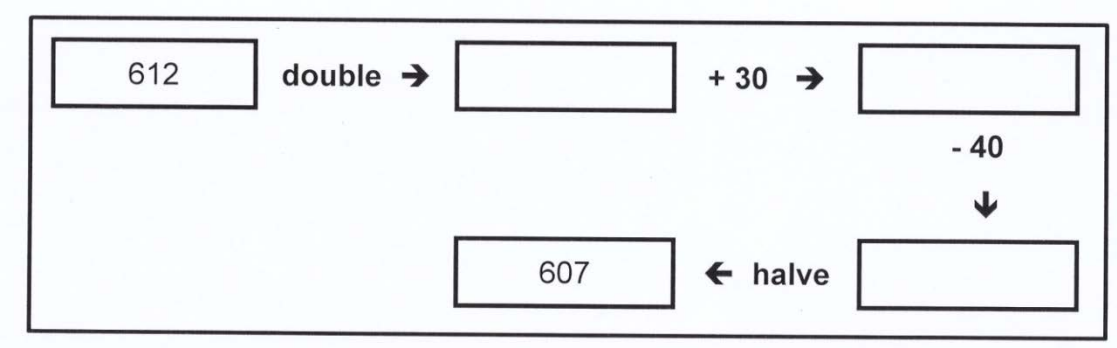
_____ (1)

2.3 Round 2853 off to the nearest 1000;

_____ (1)

2.4 3 tens + 5 hundreds + 4 units + 8 thousands are equal to _____ (1)

2.5 Complete the diagram below by filling in the missing numbers;



(3)

Total: ____ / **8**

QUESTION 3

WHOLE NUMBERS: ADDITION, SUBTRACTION, MULTIPLICATION AND DIVISION

3. Calculate the answer for the following questions. Use any method. Show all your steps;

3.1 **3791 + 4145**

(2)

3.2 **8787 – 2493**

(2)

3.3 **48 x 35**

(3)

3.4 **468 ÷ 4**

(3)

3.5 **7883 – 371**

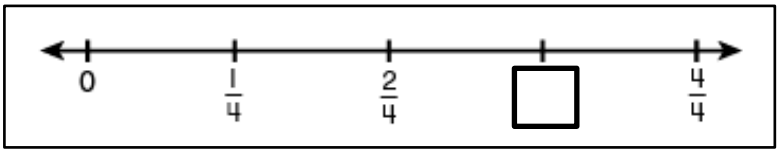
(2)

Total: ____ / **12**

QUESTION 4

COMMON FRACTIONS

4. Look at the number line below;



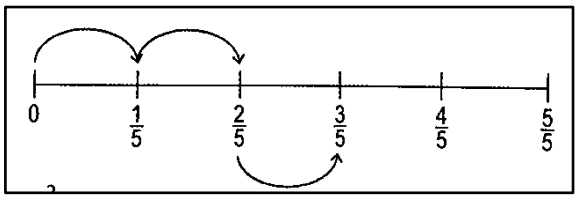
4.1 Identify the missing fraction on the number line. _____ (1)

4.2 Write an equivalent fraction for $\frac{2}{4}$; _____ (1)

4.3 Arrange the fractions in descending order (biggest to smallest): $\frac{2}{6}$; $\frac{1}{6}$; $\frac{3}{6}$; $\frac{6}{6}$; $\frac{4}{6}$; $\frac{5}{6}$

_____ (1)

4.4 Complete the addition sum below;



$\frac{2}{5}$ + _____ = _____

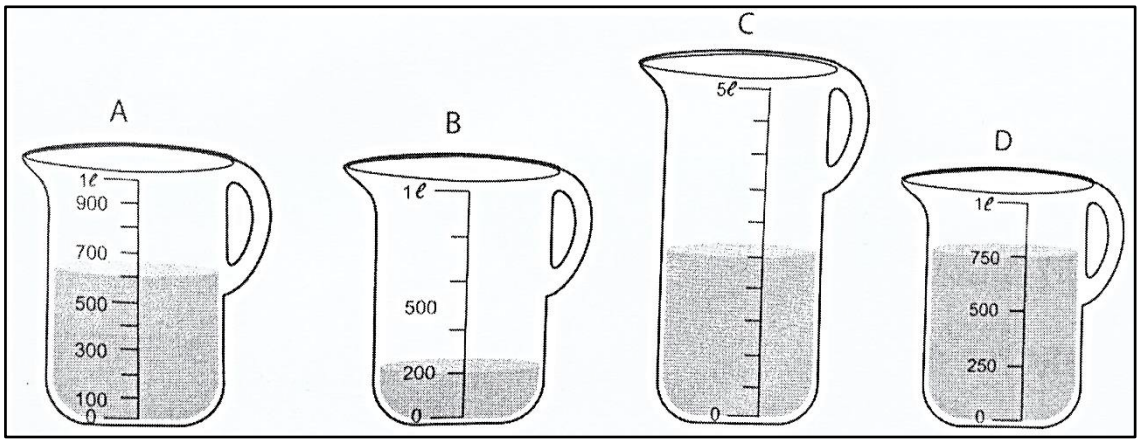
(2)

Total: ____ / **5**

QUESTION 5

CAPACITY AND VOLUME

5. Look at the measuring jugs and answer the question:



5.1 What is the capacity of measuring jug C? _____ (1)

5.2 How much is that in millilitres? _____ (1)

5.3 How much liquid is there in jug B? _____ (1)

5.4 600 ml + 200 ml _____ (2)

Total: ____ / 5

QUESTION 6

WHOLE NUMBERS: PROBLEM SOLVING

6. Identify the operation and solve the following problems:

6.1 Mr Landman has a fruit and vegetable stall. He buys a pocket of 144 potatoes. How many packets of 12 potatoes can Mr Landman make?

(2)

6.2 The school is saving for a TV set that costs R6799. They have already saved R3850. How much more money must they still save?

(2)

6.3 Mrs Tidimalo travels 1140 km on Monday, 545 km on Tuesday, 907 km on Wednesday, 752 km on Thursday and 1009 km on Friday. How far does she travel altogether?

(2)

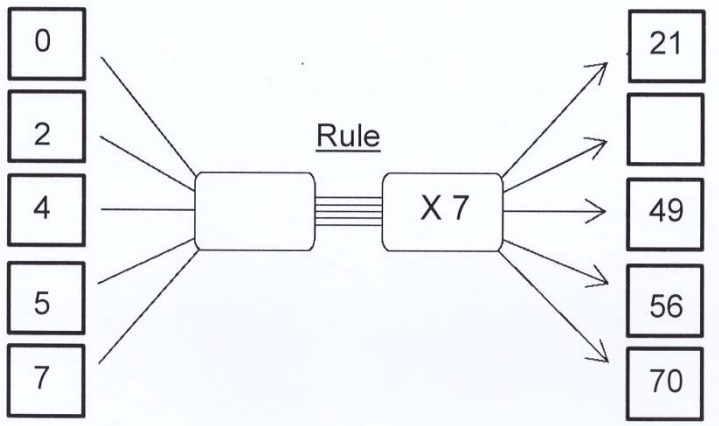
Total: ____ **/ 6**

QUESTION 7

GEOMETRIC PATTERNS

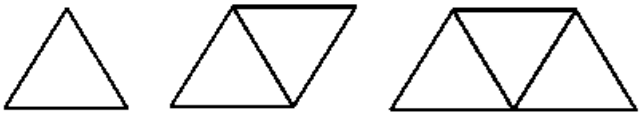
7. Look at the flow diagram below:

7.1 Identify the **rule and the output number** in the flow diagram below?



(2)

7.2 Complete the next pattern by drawing the triangles:



_____

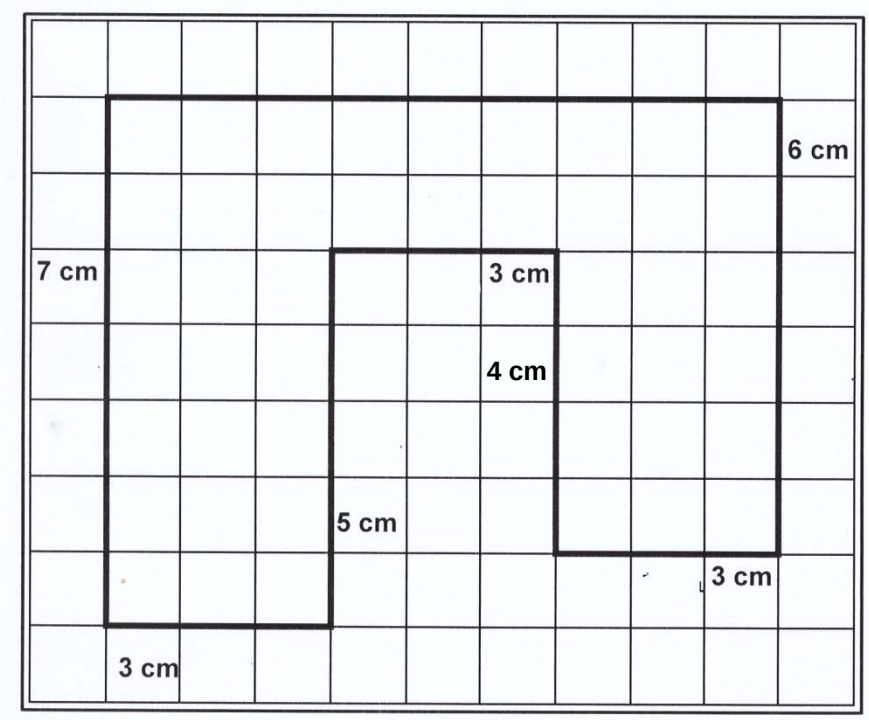
(1)

Total: ____ / 3

QUESTION 8

PERIMETER, AREA AND VOLUME

8. Look carefully at shape below:



8.1 Use a ruler to measure the perimeter of this shape:

_____ (2)

8.2 What is the area of the shape? Give your answer in square units.

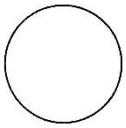
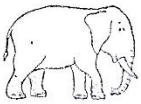
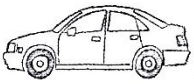
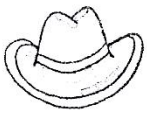
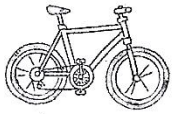
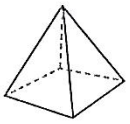
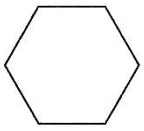
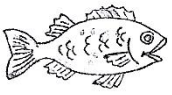
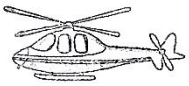
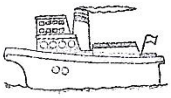
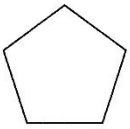
_____ (1)

Total: ____ / 3

QUESTION 9

POSITION & MOVEMENT, PROPERTIES OF 2-D AND 3-D SHAPES AND VIEWS

9. Answer the questions about this grid:

	A	B	C	D	E
1					
2					
3					
4					
5					

9.1 Name the 3-D object at position E2: _____ (1)

9.2 How many sides does a hexagon have? _____ (1)

9.3 What is the position of the ship? _____ (1)

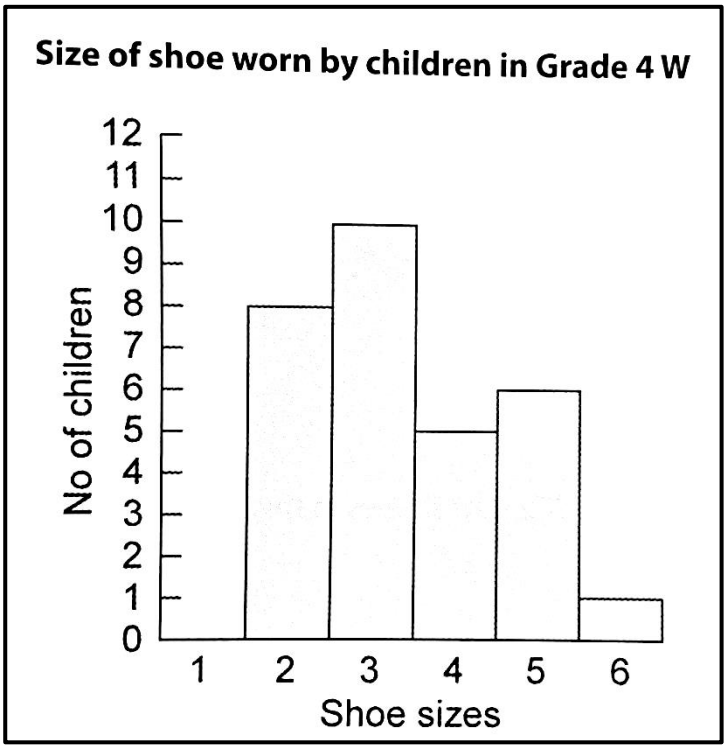
9.4 Which view is represented by the car and the bicycle? _____ (1)

Total: ____ / 4

QUESTION 10

DATA HANDLING

10. Read the information on this graph and answer the questions that follows:



10.1 What is the sum of the number of children who wear a size 4 and size 2 shoes?

_____ (1)

10.2 How many children took part in this survey? _____ (2)

Total: ____ / 3

TOTAL: 60 MARKS

➢➢➢➢➢➢THE END➢➢➢➢➢➢