GAUTENG PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

EKURHULENI NORTH DISTRICT
MATHEMATICS
NOVEMBER EXAMINATION 2019

GRADE:	**4**
DATE:	**18 NOVEMBER**
NAME OF SCHOOL:	
NAME OF THE LEARNER:	
MARK ALLOCATION:	**60**
DURATION	**90 MINUTES**

INSTRUCTIONS

1. **Read all the questions carefully**
2. **Question 1 consists of 10 multiple choice questions. Circle the letter next to the answer.**
3. **Answer Question 2 – 10 in the space provided.**
4. **All calculations must be show on the question paper and not on a separate paper.**
5. **Write neatly and legibly**
6. **The use of a calculator is not allowed.**
7. **This paper consists of 11 pages**

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

QUESTION 1

MULTIPLE CHOICE QUESTIONS

1. Circle the alphabet letter next to the correct answer **(e.g. 1c)**

1.1 What is the value of the underlined digit in: 9<u>9</u>46? (1)

a) 9
b) 9000
c) Hundreds
d) 900

1.2 The number 6 745 rounded off to the nearest 10 is: (1)

a) 6 740
b) 6750
c) 6800
d) 6700

1.3 Which number is a multiple of 9? (1)

a) 33
b) 60
c) 81
d) 29

1.4 Which number is missing in the following number patter? (1)

475; 450; 425, _____; 375

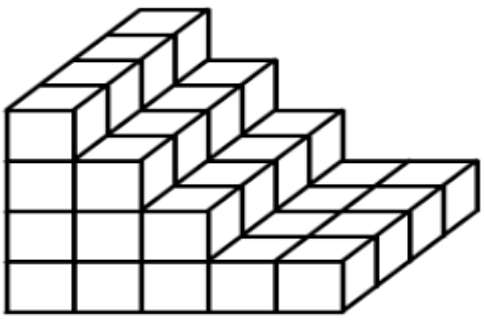
a) 451
b) 410
c) 405
d) 400

1.5 Which one of the following is an equivalent fraction for? $\frac{1}{3}$ (1)

a) $\frac{1}{2}$
b) $\frac{4}{8}$
c) $\frac{2}{3}$
d) $\frac{2}{6}$

1.6 Find the volume of the following 3-D object: (1)

a) 11 cubic units
b) 20 cubic units
c) 36 cubic units
d) 44 cubic units

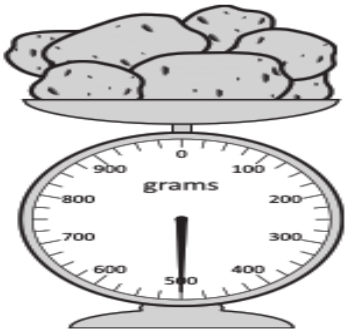


1.7 Convert the following: 400mm= _____cm (1)

a) 4
b) 4000
c) 40
d) 400

1.8 What is the weight of the following object in kg? (1)

a) 2kg
b) 1kg
c) $\frac{1}{2}$kg
d) 500g



1.9 Which is the correct sign to make the number sentence true: (1)

234-79 ☐ 47+108

a) <
b) >
c) =

1.10 What is the difference between (4 x 9) and (9 x 9)? (1)

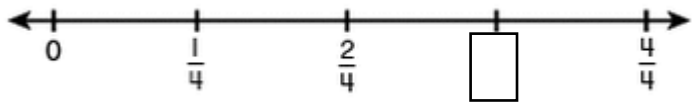
a) 5
b) 30
c) 45
d) 56

Total: | | **10** |

QUESTION 2

COMMON FRACTIONS

2. Look at the number line below:



2.1 Identify the missing fraction on the number line: _____ (1)

2.2 Write an equivalent fraction for $\frac{3}{4}$ _____ (1)

2.3. Complete the following sums below:

a) $\frac{3}{7}+\frac{2}{7}$=_____ (1)

b) $\frac{7}{8}-\frac{4}{8}=$ _____ (1)

2.4 Complete the following diagram by filling in the missing answers: (3)

648	halve ➡		+ 40 ➡		-50 ➡		double ➡	628

Total: | | **7** |

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 **6 442 + 1394** (2)	3.2 **5 348 – 2 195** (2)

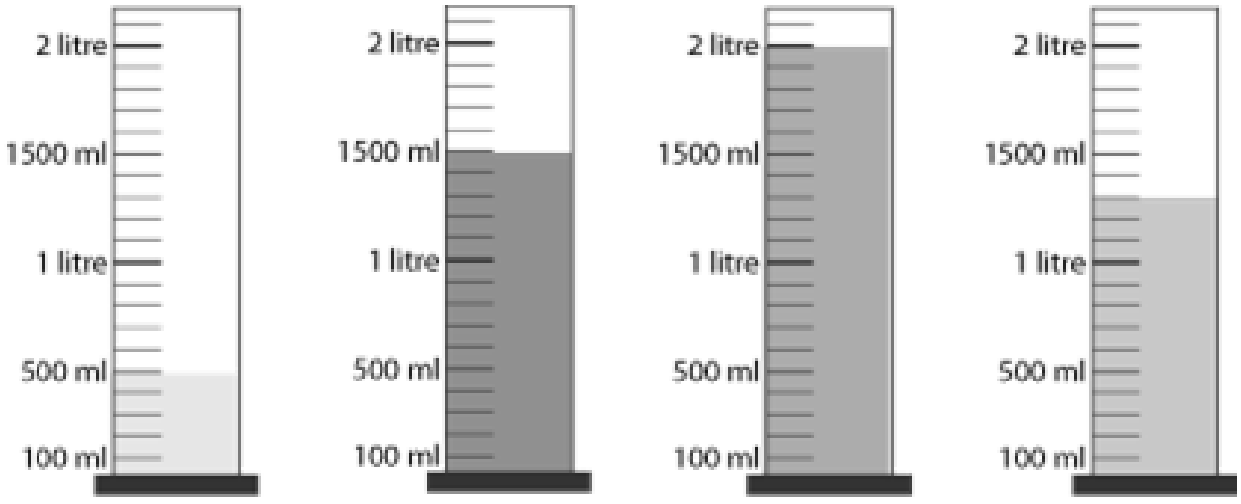
3.3 **66 x 43** (3)	3.4 **265 ÷5** (3)

Total: | | **10**

QUESTION 4

CAPACITY AND VOLUME

4. Look at the measuring jugs and answer the questions:



A B C D

4.1 What is the Capacity of jug B? _____ (1)

4.2 What is the volume of jug C in millilitres? _____ (1)

4.3 Complete: 500ml + 400ml = _____ (2)

Total: | | **4**

QUESTION 5

TIME

5.1 Show 16:10 on the clock below: (2)

5.2 What time will it be, if 25 minutes is added on the time shown?

_____ (1)

Total:		**3**

QUESTION 6

WHOLE NUMBERS: PROBLEM SOLVING

6. Identify the operation and solve the following problems: (2)

6.1 Isabel's school had a fundraiser. The Grade 3's collected R971, The Grade 4's collected R3281 and the Grade 5s collected R3919. How much money did they raise altogether?

6.2 Carl, Amy and Ed were collecting cans for recycling. Carl collected 178 cans, Amy collected 498 and Ed collected 592. How many more cans did Ed collect than Carl? (2)

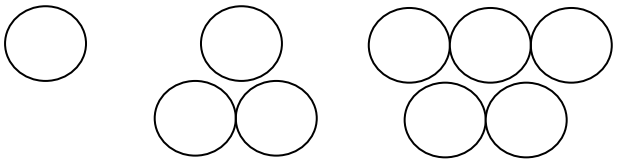
6.3 An architect was building a hotel downtown. He built it eight stories tall with six rooms on each story. How many rooms does the hotel have total? (2)

Total: | | **6** |

QUESTION 7

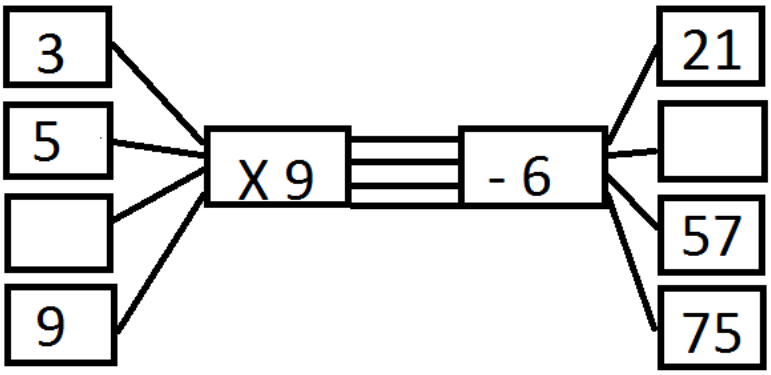
GEOMETRIC AND NUMERIC PATTERNS

7.1 Complete the following pattern: (1)



_____

7.2 Complete the flow diagram below: (2)

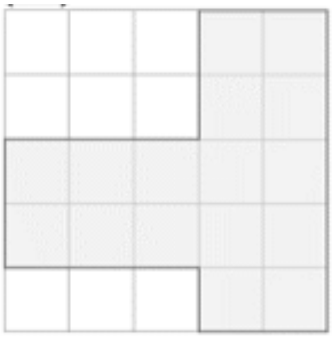


Total: | | **3** |

QUESTION 8

PERIMETER, AREA AND VOLUME

8. Find the perimeter of the following shape. The Length of each block equals to **2cm**.



8.1 What is the Perimeter of the shape? (2)

_____

8.2 What is the area of the shape? Give your answer in Square units (2)

_____

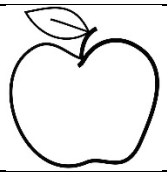
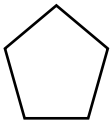
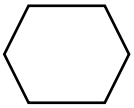
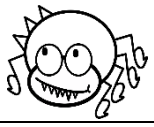
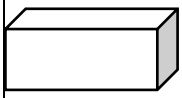
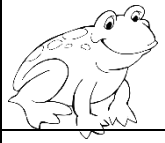
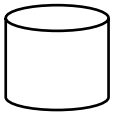
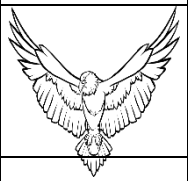
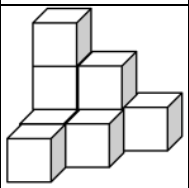
Total:

	4

QUESTION 9

POSITION AND MOVEMENT, PROPERTIES OF 2-D , 3-D OBJECTS AND VIEWS

9. Answer the following questions:

	A	B	C	D	E
1					
2					
3					
4					
5					

9.1 Name the 3-D Object at position A4: _____ (1)

9.2 In what position can we find the pineapple? _____ (1)

9.3 Draw the FRONT VIEW of the image in C5: (2)

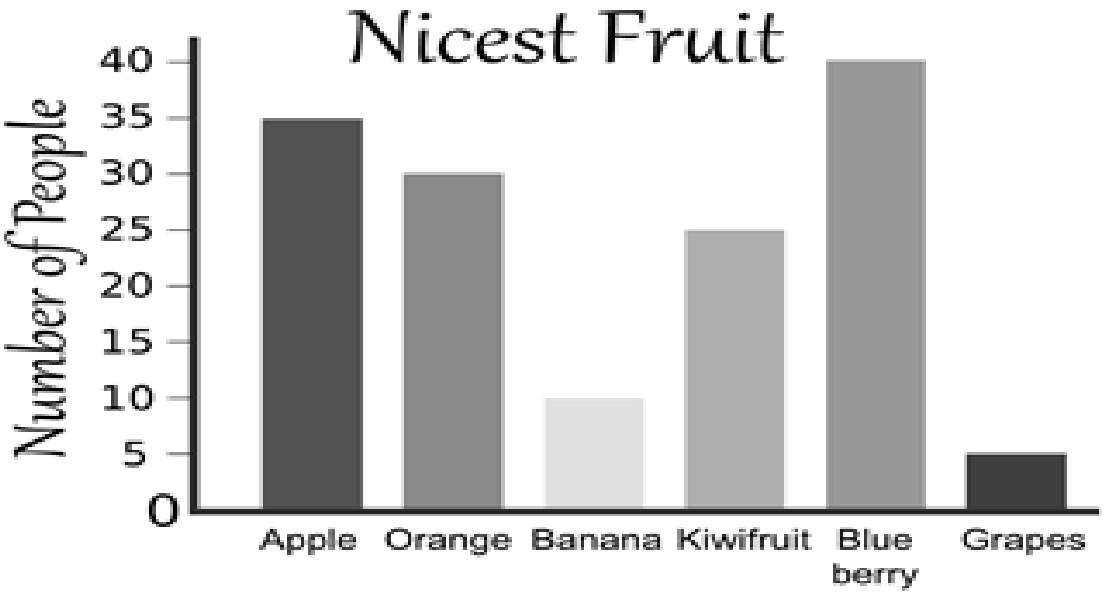
9.4 How many lines of symmetry does a hexagon have? _____ (1)

Total:		**5**

QUESTION 10

DATA HANDLING

10. Read the information on the graph and answer the questions below:



10.1 How many more people preferred Kiwifruit to grapes?

_____ (1)

10.2 What is the sum of Apple and the Blue Berry?

_____ (1)

10.3 Which fruit is favoured by the most people?

_____ (1)

10.4 Which fruit did they like the least?

_____ (1)

10.5 Calculate how many people participated in the graph above: (2)

Total

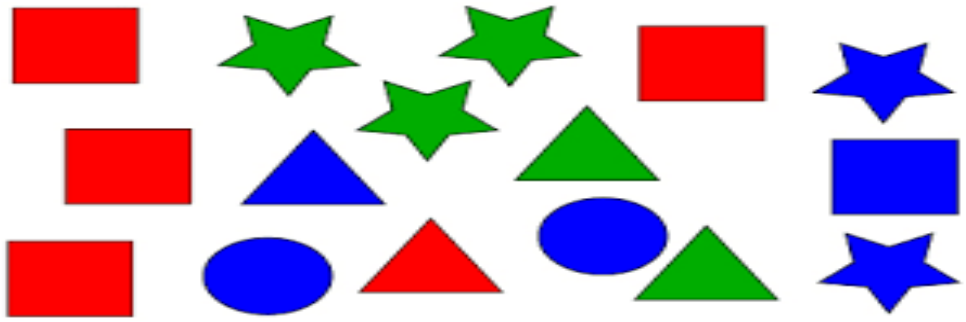
	6

QUESTION 11

PROBABILITY

11.1 Mpho randomly selects a rectangle without looking.

What is the probability that Mpho will choose a rectangle?



_____ (2)

Total:

	2

_____

>>>>>>>>>>>>>>>>>>>> ALL THE BEST >>>>>>>>>>>>>>>>>>>>>>>>