



**EKURHULENI NORTH DISTRICT
COMMON EXAMINATION
NOVEMBER 2018
GRADE 5**

MATHEMATICS

NAME OF SCHOOL:	
NAME AND SURNAME OF LEARNER:	
GRADE:	
MARK ALLOCATION:	65 PUNTE
DURATION:	75 MINUTE
PAGES	9

INSTRUCTIONS

1. Read all the instructions carefully.
2. All calculations must be shown on the question paper.
3. Write neatly and legibly with a pen.
4. The use of a calculator is not allowed.

QUESTION	1	2	3	4	5	6	7	<u>TOTAL</u>	<u>%</u>
POSSIBLE MARKS	10	22	6	6	11	4	6	65	100
LEARNERS' MARKS									
MODERATORS' MARKS									

QUESTION 1

MULTIPLE CHOICE

1 Circle the letter of the correct answer.

1.1 The place value of the underlined digit in 678 329 is

- A. H
- B. TH
- C. TTH
- D. T

(1)

1.2 The answer of the following: $600\ 000 + 400 + 20 + 50\ 000 + 3 + 7000$ is

- A. 647 253
- B. 657 423
- C. 654 325
- D. 674 253

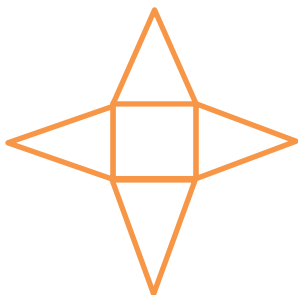
(1)

1.3 Which number is the multiple of 4?

- A. 55
- B. 95
- C. 36
- D. 83

(1)

1.4 The following 2D shape is a net of a



- A. Cube
- B. Rectangular prism
- C. Square based pyramid
- D. Cylinder

(1)

1.5 2 hours is equal to how many minutes?

- A. 2 Minutes
- B. 20 Minutes
- C. 2 days
- D. 120 Minutes

(1)

1.6 4000g can be written as in kg

- A. 4 kg
- B. 40 kg
- C. 400 kg
- D. 4000 kg

(1)

1.7 What is the missing number in the number sentence?

$$87 - 13 = \square - 9$$

- A. 81
- B. 82
- C. 83
- D. 84

(1)

1.8 Muzi makes juice, mixing 2 litres of water with 15 millilitres of juice concentrate. How many litres of water will be needed to mix with 45 millilitres of juice concentrate?

- A. 4 litres
- B. 6 litres
- C. 8 litres
- D. 10 litres

(1)

1.9 What is the normal body temperature of a person?

- A. 87 °C
- B. 100 °C
- C. 37 °C
- D. 0 °C

(1)

1.10 71 999 rounded off to the nearest thousand is:

- A. 70 999
- B. 72 000
- C. 71 000
- D. 73 100

(1)

[10]

QUESTION 2

2. Calculate the answers for question 2.1 – 2.5 Use any method. Show your steps.

2.1 $215\,873 + 40\,719$

(2)

2.2 $69\,157 - 17\,239$

(2)

2.3 948×45

(3)

2.4 $421 \div 20$

(4)

2.5 $7 + (6 \times 2 - 4)$

(3)

2.6 Write a correct sign $>$; $<$ or $=$

$$\frac{1}{2} \text{ ————— } \frac{1}{9}$$

(1)

2.7 Complete the following

$$2\frac{1}{5}; 2\frac{2}{5}; 2\frac{3}{5}; \text{_____} \quad (1)$$

2.8 Write down the missing number

$$\frac{1}{2} = \frac{\square}{8} \quad (1)$$

2.9 Calculate the following

a) $3\frac{3}{6} + 1\frac{1}{6}$

_____ (2)

b) $\frac{1}{3}$ of 15 apples

_____ (2)

c) Lucas spent $\frac{5}{12}$ of his salary on rent and another $\frac{6}{12}$ of his salary on food.

What fraction of his salary was left over after these expenses?

_____ (2)

[22]

QUESTION 3

3.1 Extend the following pattern:

2010; 2014; 2018; _____ (1)

3.2 Study the pattern below and answer questions thereafter.

a) Draw pattern 4

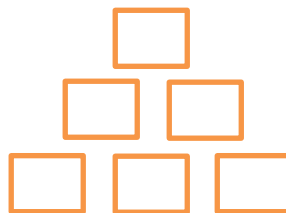
Pattern 1



Pattern 2



Pattern 3



Pattern 4

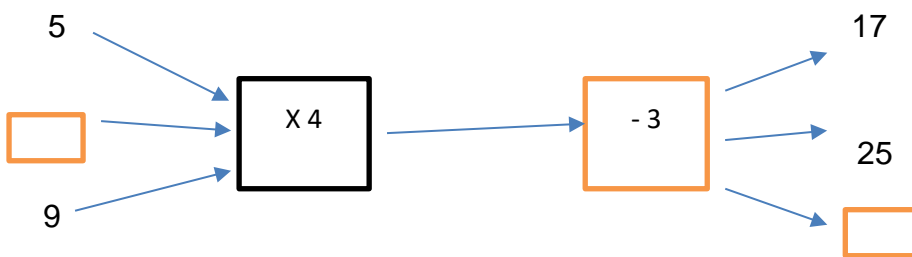
(1)

b) Complete the table below

Pattern	1	2	3	4	i) _____	8
Number of squares	1	3	6	ii) _____	15	36

(2)

3.3 Write down the missing numbers in the flow chart



(2)

[6]

QUESTION 4

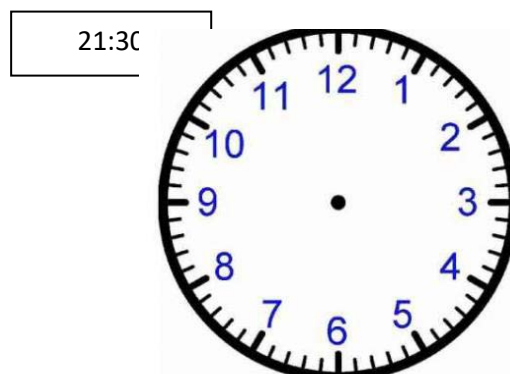
4.1 Study the following weather information and then answer the questions that follow

Cities	Minimum Temperature	Maximum Temperature
Pretoria	11 °C	28 °C
Johannesburg	8 °C	22 °C
Durban	15 °C	30 °C

- a) Which city was the coldest? _____ (1)
b) What was the highest temperature recorded in the 3 cities? _____ (1)

4.2 Draw the hour and minute hands on the clock face to match the time on the digital clock

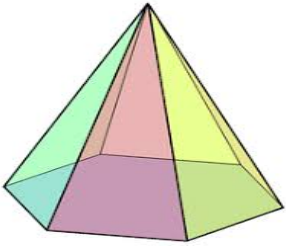
(2)



4.3 3 400g can be written as _____ kg and _____ g (2)
[6]

QUESTION 5

5.1 Complete

3-D Object	Name of object	Number of faces	Shape(s) of faces
	_____	_____	(i) _____ (ii) Triangles

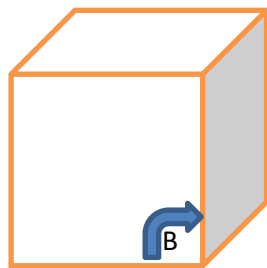
(3)

5.2 Indicate which transformation takes place below



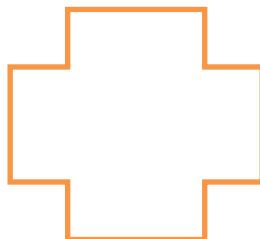
(1)

5.3 What type of an angle is shown at B?



(1)

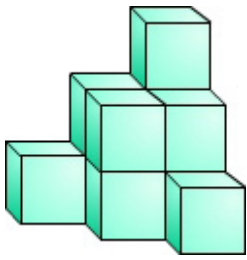
5.4 How many lines of symmetry are in this shape?



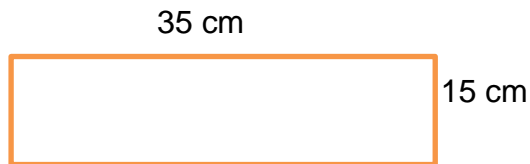
(1)

5.5 Draw the top view of the following 3-D object

(1)

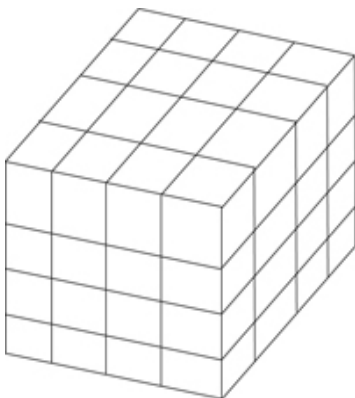


5.6 Calculate the perimeter of the following diagram



(2)

5.7 Calculate the volume of the following figure



(2)

[11]

QUESTION 6

6.1 Michelle's mother has saved R41 550 for a house. Sindi's mother has saved R12 950 more than Michelle's mother.

a) How much money has Sindi's mother save?

(2)

b) A two-digit number is less than 50. The sum of the two digits is 12 and the difference between the two digits is 4. What is the number?

(2)

QUESTION 7

Study the pie graph and answer the question that follow.

FAVOURITE SPORT CODES AT WILLS PRIMARY SCHOOL

$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{20}$
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7.1 In the table below, match one of these fractions to each sport:

(2)

Sport	Fraction
Soccer	a)
Cricket	$\frac{1}{20}$
Netball	b)

7.2 If 200 learners altogether play these sports, how many play cricket?

(2)

7.3 What is a chance of a coin landing tail up, if it is tossed?

(2)

[6]

TOTAL: 65