education

Department of Education
FREE STATE PROVINCE

SURNAME:			___ 30
NAME:			
SCHOOL:			%
GRADE 5 _____	**BOY (MARK WITH X)**	**GIRL (MARK WITH X)**	Level:

Question	1	2	3
Total Marks	**5**	**16**	**9**
Marks obtained			

GRADE 5

MATHEMATICS TEST

NOVEMBER 2025

TIME: 60 MINUTES

MARKS: 30

This question paper consists of 7 pages.

INSTRUCTIONS

1. Read ALL the questions carefully.
2. Answer ALL the questions in the spaces or frames provided.
3. ALL calculations must be shown on the question paper.
4. You are NOT allowed to use a calculator.

Practise exercise: Multiple choice question

Question 1

Circle the letter of the correct answer.

1. Which number is next in the following pattern

   81 ; 27 ; 9 ; 3 ; ____

A. 0
B. 1
C. $\frac{1}{3}$
D. $\frac{2}{3}$

You answered correctly if you circled (B) above.

QUESTION 1

1.1 23 147 rounded off to the nearest 5 is:

A 23 140
B 23 145
C 23 150
D 23 100 (1)

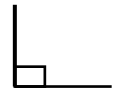
1.2 The rugby team travelled 1 400___ from Cape Town to Johannesburg.

A km
B m
C cm
D mm (1)

1.3 $20 - 12 =$ ___ $+ 12 - 12$

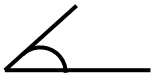
A 0
B 8
C 12
D 20 (1)

1.4 An angle smaller than a right angle…

A 

B 

C 

D  (1)

1.5 Arrange the following fractions in ascending order. $\frac{6}{12}$; $\frac{6}{6}$; $\frac{1}{3}$; $\frac{3}{4}$; $\frac{1}{4}$

A $\frac{1}{3}$; $\frac{1}{4}$; $\frac{3}{4}$; $\frac{6}{6}$; $\frac{6}{12}$
B $\frac{6}{12}$; $\frac{6}{6}$; $\frac{3}{4}$; $\frac{1}{4}$; $\frac{1}{3}$
C $\frac{1}{3}$; $\frac{1}{4}$; $\frac{3}{4}$; $\frac{6}{12}$; $\frac{6}{6}$
D $\frac{1}{4}$; $\frac{1}{3}$; $\frac{6}{12}$; $\frac{3}{4}$; $\frac{6}{6}$ (1)

[5]

QUESTION 2

2.1 Fill in $>; < or =$

2.1.1 342 642 _____324 988 (1)

2.1.2 $\frac{1}{2}$ _____ $\frac{2}{3}$ (1)

2.2 It takes Bobby 25 minutes to walk to school. If he leaves home at 06:45, what time will he get to school?

(2)

2.3 Calculate using any method:

2.3.1 $1\frac{4}{6} + \frac{3}{6} - \frac{1}{6} =$_____

(3)

2.3.2 $2__180 - 23__5__ = 16_2$

	2	____	1	8	0
−	2	3	____	5	____
	.	1	6	___	2

(4)

2.3.3 $862 \div 21 =$ _____

(3)

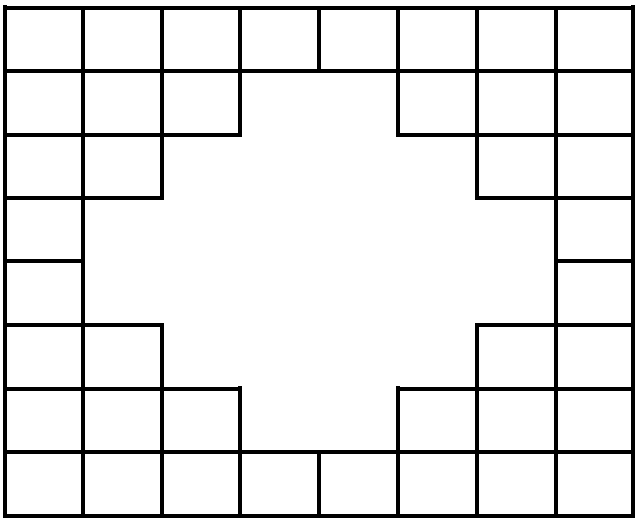
2.4 There are 30 learners in a grade 5 class. The ratio of boys to girls is 2:2. How many boys are in the class?

(2)

[16]

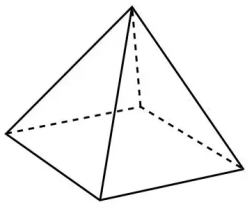
QUESTION 3

3.1 Calculate the area of the inner part that is without lines.



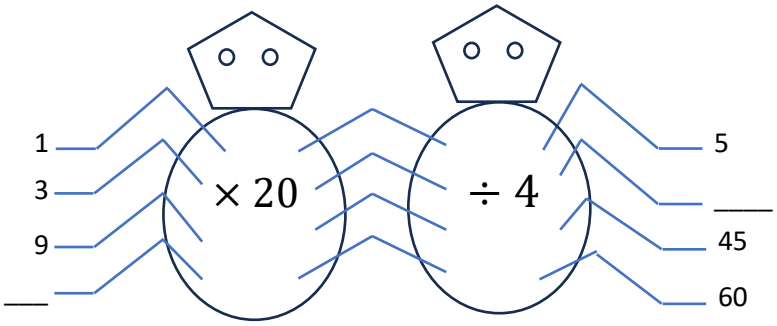
_____ (2)

3.2 Complete the table below.

Object	Name of object	No. of faces	Curved/ Flat surface
	Square-based pyramid	_____	Flat

(1)

3.3 Complete the below flow diagram.



(2)

3.4 Calculate the volume of the object below by counting the number of cubes.



_____ (2)

3.5 Mpho invited 4 friends to her birthday party. The paper cups they will use have a capacity of $250ml$. Her mom pours only $230ml$ of juice in their cups.
If each one drinks 2 cups, how much juice will they have drunk altogether?
(Your final answer should be in liters and milliliters)

(2)

[9]

TOTAL: 30