	Laerskool Van Dyk Primary EMIS : 700160994 (ES)			Mathematics Grade 5 END OF YEAR EXAMINIATION			
Date: NOVEMBER 2020				Content: Term 1 – Term 4			
Examiner: Mr. K. Small				Moderator: Ms S Jacobsz			
_____ / 60 = _____ %							
Level: 1	2	3	4	5	6	7	
0-29%	30-39%	40-49%	50-59%	60-69%	70-79%	80% +	

NAME AND SURNAME OF LEARNER:	
CLASS LIST NUMBER:	
MARK ALLOCATION:	60 MARKS
TIME:	60 MINUTES (1 HOUR)

CONTENT:	TERM 1, 3 and 4

INSTRUCTIONS:

- Read your questions carefully.
- Answer all the questions.
- Write neatly and legibly.
- No calculator is allowed.
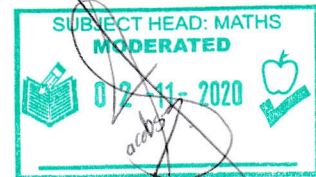
GOOD LUCK

1. **Circle the letter of the correct answer.**

1.1 Which number consists of the following:
     6H + 4Th + 2T + 9Tth + 5U

     A. 49 625   B. 94 265   C. 49 265   D 94 625

1.2 Which number comes next in the number pattern 46, 51, 57, 64,
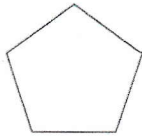   A. 83   B. 69   C. 72   D. 75

1.3 The simplest form of writing

500 000 + 30 + 600 + 20 000 + 7 + 9 000 is:

A. 536 279   B.529 639   C. 529 637   D. 529 367

1.4 Which one of the following numbers is not a factor of 24?

A. 5   B. 3   C. 8   D. 1

1.5 This 2D shape is called a _____

A. Hexagon   B. Octagon   C. Pentagon   D. Heptagon
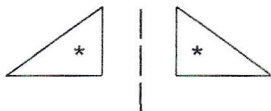
1.6 The shape in Question 1.5 is regular. How many lines of symmetry does it have?
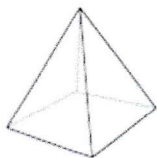
A. 3   B. 4   C. 5   D. 6

1.7 The item that occurs the most in a data set is called the _____

A. Mean   B. Mode   C. Median   D. Range

1.8 What kind of transformation is this?

A. Reflection   B. Translation   C. Rotation

1.9 This 3D object is a _____

(A) Triangular prism   (B) Rectangular prism   (C) Square based pyramid   (D) Triangular pyramid

1.10 Convert: $500 m\ell$ = _____ litres

A. 5000 litres   B. 5 litres   C. 0,5 litres   D. 50 litres

1.11   Replace the place holder with the correct sign.
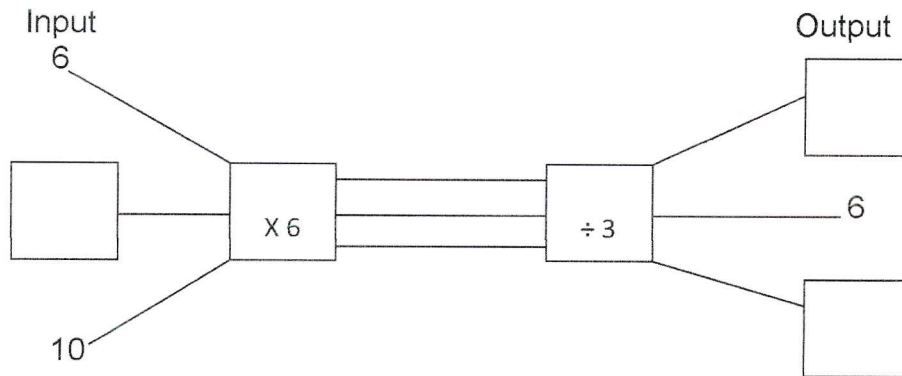
$$\frac{2}{3} \quad \square \quad \frac{5}{6}$$

A. <   B. >   C. =

(11)

2. Answer the following questions.

2.1 Complete the flow diagram by writing down the answer

Input
6

Output

X 6   ÷ 3

6

10

(3)

2.2 Complete the table below

Pattern	1	2	3	4	5	10	
No of dots	5	10	15	20	___	___	90

(3)

3. Complete these number sentences:

3.1 $5 \times (2 + 7) = (5 \times 2) + ($ _____ $)$ (1)

3.2 $4 + (2 + 9) = (4 + 2) +$ _____   (1)

3.3   Write the following as a number sentence:
Our school grounds had thirteen trees. On Arbour day we doubled the number.
Five trees dried up and we are left with twenty one.

_____   (2)

4. Calculate the answer in the space provided. Show all working.

4.1
$6\frac{1}{4} + 2\frac{2}{4} =$

(2)

4.2

$7\frac{4}{5} - 3\frac{1}{5} =$

(2)

4.3

$893 \times 67 =$

(3)

Find the difference between 65 872 and 54 195.
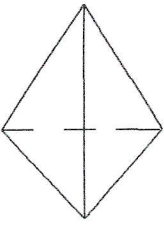
4.4

(3)

What is the sum of 3 987 and 1 638

4.5

(3)

4.6

$816 \div 34 =$

(3)

5. Complete the table

	Name of 3D	Number of faces	Number of vertices
	_____	4	_____

(2)

6. Round 6 942 to the nearest 1000 = [ ]

(1)

7. A teacher asked a Grade 5 class how they learn about news. These were the results.

- 14 learners said they watch the news on TV
- 12 learners said they hear the news on the radio
- 10 learners said they read news papers
- 6 learners said they read magazines

7.1 Organise the data above into a tally table. Complete the table.

Source of news	Tally	Number of Learners
TV		14
	‖‖‖ ‖‖‖ ||	12
Newspapers	‖‖‖ ‖‖‖	10
Magazines	‖‖‖ |	6

(2)

7.2 Draw a circle around the letter of the correct answer.
Andy draws different views of the suitcase.
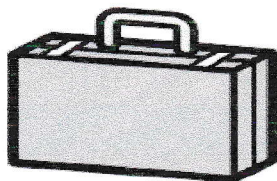
Which view shows the suitcase from the top?

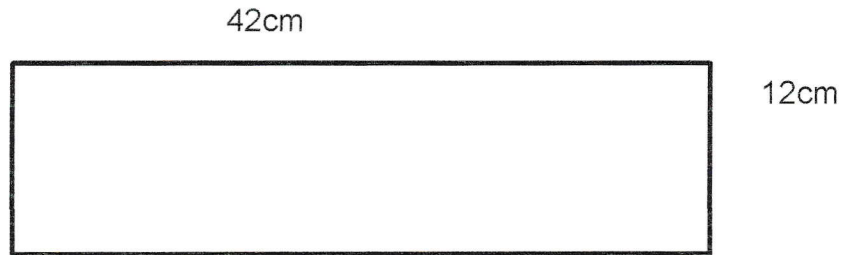a.   b.   Page 5 of 8   c.

(1)

8. Jabu's parents saved R37 850 towards buying a house. How much more must they save together to have R50 000 deposit for a house?

(2)

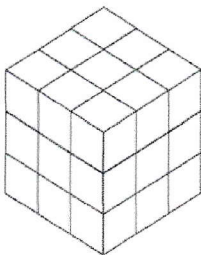9. Calculate perimeter of this rectangle.

42cm

12cm

Show your calculation here

(2)

10. Complete: 5 460g = [   ] kg [   ] g

(1)

11. Work out the volume of stack of cubes if each block is = 1cm

(2)

12. During the 2012 Olympic Games in London, Pete did a survey to see which track and field events the learners in his school liked to watch. He drew this graph to show his results.

Types of events	Number of Learners
High jump	Ø Ø Ø Ø Ø Ø Ø
Sprinting	Ø Ø Ø Ø Ø Ø Ø Ø
Javelin	Ø Ø Ø Ø Ø
Marathon	Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø

Key

Ø = 5 learners

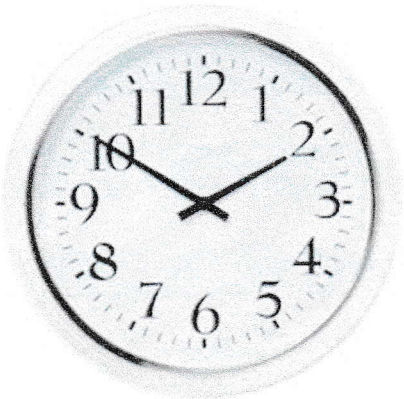12.1 What type of graph is this? (1)

12.2 How many learners does one Ø represent? (1)

12.3 What is the most popular event? (1)

12.4 What is the least popular event? (1)

12.5 How many learners chose javelin? (1)

13. What is the time on the clock below in 24 hours?

_____ (1)

14. Lebo leaves home at 07:10 every morning for school. She arrives at school at 07:55.

How much time does she spend on the road? _____ (2)

15. Calculate

What is $\frac{3}{7}$ of 42 balls ?

(2)

<—————————— END ——————————>

Enjoy your holiday!!
Merry Christmas.