First Term Assessment

Mathematics

Directions for the MATHEMATICS TEST

You are NOT allowed to use any form of a **calculator.**

This test has three sections with a total of 33 items.

SECTION 1 has 19 items (Nos. 1 to 19).

SECTION 2 has 10 items (Nos. 20 to 29).

SECTION 3 has 4 items (Nos. 30 to 33).

Answer **ALL** questions.

Read each question carefully before answering it.

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LIVEWORKSHEETS

SECTION ONE

Each problem from this section is worth 1 mark.

1)Write in numerals- six hundred and seventeen thousand and four.

Answer = _____

2) Which unit below best measures the amount of tea in a cup?

millimetres	**litres**	**kilometres**	**milligrams**

Answer = _____

3) 1067 is how much more than 139?

Answer = _____

4) A notebook costs $7.55 and a pen costs $9.50, Calculate the cost of one notebook and two pens.

Answer = _____

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5) What fraction of the shape is shaded? Write your answer to the lowest term.



Answer = ____

6) What is the sum of 6.7, 5 and 3.58?

Answer = _____

7) How many 25 cents coins make up $5.25?

Answer = _____

8) 1603 ÷ 5

Answer = _____

LIVEWORKSHEETS

9) Write the decimal number below that has the least value.

0.7 0.39 0.295

Answer = _____

10) How many quarters are there in $2\frac{1}{2}$?

Answer = _____

11) Two meals are prepared. One took 35 minutes and the next took 1 hour and 20 minutes. How much longer did one meal take than the next?

Answer = _____ **minutes**

12) Find the mean of the numbers below.

26	**32**	**23**	**75**

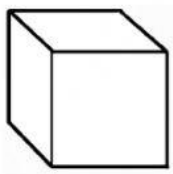
Answer = _____

13) $\frac{4}{15}$ x $\frac{5}{12}$ (To its lowest term)

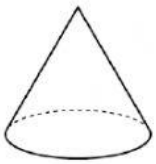
Answer = _____

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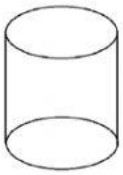
14) Write the letter of the solid that does not have an equal cross section throughout.



A



B



C

Answer = _____

15) Change $6\frac{3}{5}$ into an improper fraction.

Answer = _____

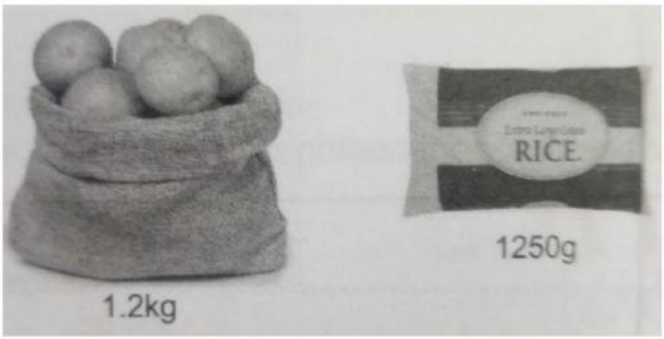
LIVEWORKSHEETS

16) $\frac{4}{5} \div \frac{8}{9}$ (To its lowest term)

Answer = ____

17) Which item below has the greater mass?

Potatoes Rice



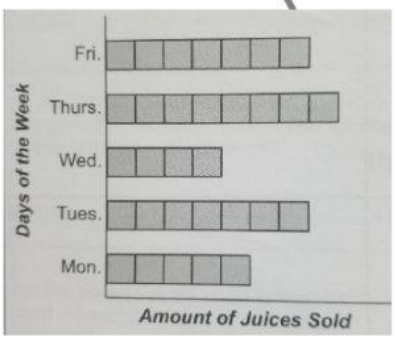
Answer = _____

18) Convert $\frac{1}{8}$ to a decimal.

Answer = _____

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19) The block graph shows the number of juices sold at a school's cafeteria for a week. If a total of 124 juices were sold, how many juices does one block represent?



Answer = _____ **juices**

SECTION 2

This Section contains 10 items with a total of 25 marks.

20) Solve $3\frac{3}{5} + 4\frac{1}{2}$

Answer = ____ (3 marks)

LIVEWORKSHEETS

21) Calculate the quotient between 65.25 and 0.5

Answer = _____ **(2marks)**

22) A bottle holds 24 litres of oil when full. A chef used $\frac{1}{3}$ of the oil for frying chicken. How many litres of oil were left?

Answer = _____ litres **(3marks)**

23) What is the total of 89.6 and 52.37 rounded off to the nearest whole number?

Answer = _____ **(2marks)**

24) Eight light poles are evenly spaced along a street. A total of 140 PVC pipes of the same length are equally placed between the eight poles.

a) How many pipes are placed between the first and second poles?

Answer = _____ pipes

b) Each pipe is 9 metres long. The pipes are connected end to end just touching each other between the poles. What is the distance between the first and second poles?

Answer = _____ metres **(2marks)**

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25) Harry has 20 oranges. His share is equal to $\frac{1}{4}$ of Mary's oranges. How many oranges do they have altogether?

Answer = _____ oranges **(2 marks)**

26) A coffee shop sold a popular brand of tea over a one-week period. The sales for each day followed a pattern shown in the table below.

a)Use the pattern to complete the sales for day 6 and day 7 in the table.

b) How many cups of tea were sold for the one-week period?

Day	1	2	3	4	5	6	7
Number of tea sold	9	16	25	36	49		

Answer = _____ cups of tea **(3 marks)**

LIVEWORKSHEETS

27) Shane left home for school at 7:10 a.m. He waited 22 minutes to get into maxi taxi. He arrived at school at 8:10 a.m. How long did the maxi taxi take to get to his school?

Answer = _____ minutes **(2 marks)**

28) Mr. Morgan bought some sweets for children in a class. He filled 32 bags of 12 sweets each and had 8 sweets remaining. How many bags could be filled if he uses all the sweets purchased and put 8 sweets in each bag?

Answer = _____ bags **(3 marks)**

29) Isabel and Karen each received a slice of cake. Isabel got $\frac{1}{5}$ while Karen got $\frac{2}{10}$. Isabel was upset as she said that she got the smaller piece. Karen told her that they both got the same size of cake. Who was right and give a mathematical explanation as to why that person was right? **(3 marks)**

Answer:

_____

_____

_____

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SECTION 3

This section contains 4 items with a total of 16 marks.

30) Mr. Singh took his wife and three children to movie city. He paid the entrance fee as shown. He bought 4 bags of popcorn at $15.00 per bag and 5 soft drinks at $10.50 each.

Entrance Fee
ADULTS - $50.00
CHILDREN – Half price

a) How much did Mr. Singh spend in total?

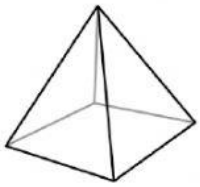
Answer = _____ **(2 marks)**

b) If Mr. Singh paid with $300.00, how much was his change?

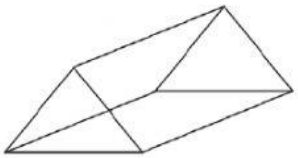
Answer = _____ **(2 marks)**

LIVEWORKSHEETS

31) Study the diagram then answer the questions.



A



B

a) Identify the shapes:

A _____

B _____ **(2 marks)**

b) What is the major difference between shapes A and B? Explain.

Answer **(2 marks)**

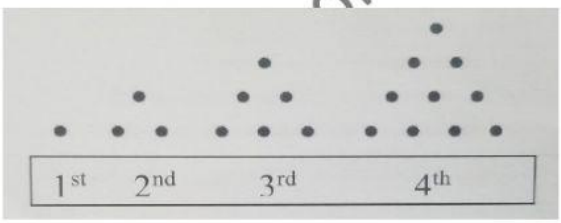
_____

_____

_____

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32) Dots were placed in the pattern below.



a) How many dots will be used to form the 7^{th} pattern?

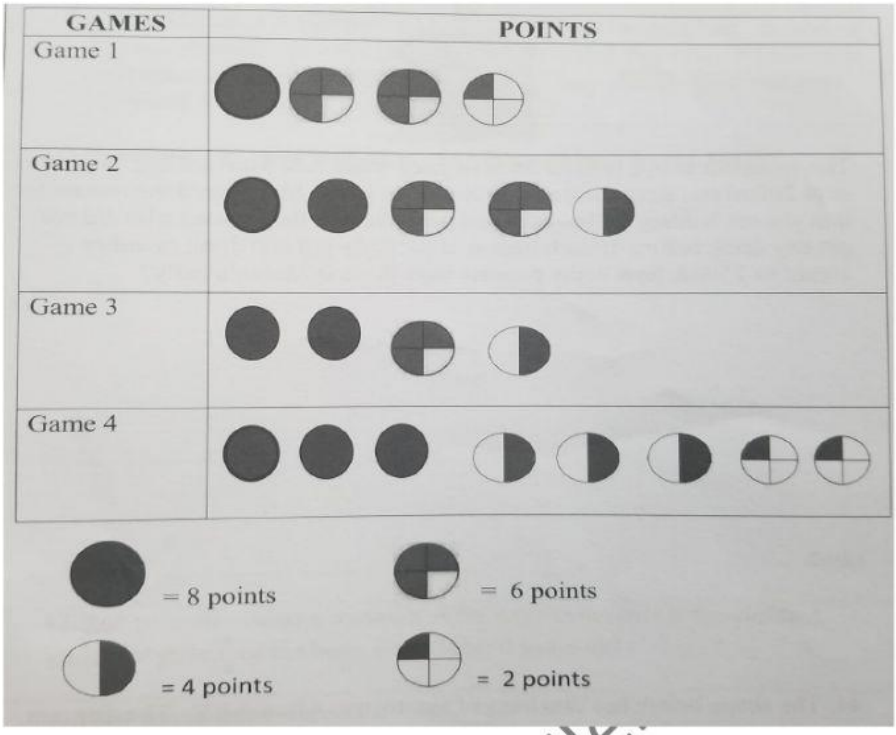
Answer = _____ **(2 marks)**

b) If 91 dots were used to create the pattern, what pattern number would have been completed?

Answer = _____ **(2 marks)**

LIVEWORKSHEETS

33) The chart below shows the points scored by Josh in four games.



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a) How much more did he score in Game 4 than in Game 1?

Answer = _____ points **(1 mark)**

b) What is his average score?

Answer = _____ **(2 marks)**

c) What is $\frac{3}{8}$ of the total points scored by Josh in the four games?

Answer = _____ **(1 mark)**

The end

LIVEWORKSHEETS