Minuwangoda Zonal Education

Second Term End Evaluation - 2024

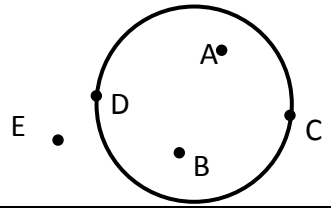
Grade 6

Mathematics

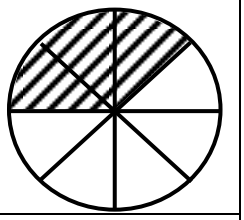
Name: …… Time: 2 hours

Part I

1) Name 2 points on the circle.



2) Write the shaded part as a fraction of whole



3) Round off 78 to the nearest multiple of 10

4) Write 2 multiples of 6 between 30 and 50.

5) Underline the correct answer.
Example for horizontal plane …… (wall/ flag post/ floor/ parapet)

6) Consider the number 20554637
   i. Write in standard form
   ii. Write the number name

7) Write two past twelve minutes and six seconds in the evening in standard form

8) Nimal bought Rs.738 worth items by paying Rs. 920. Find the balance he received.

9) 36 is 6^{th} square number. Which triangular number is that?

10)Fill in the blanks using "<" or ">" symbol appropriately

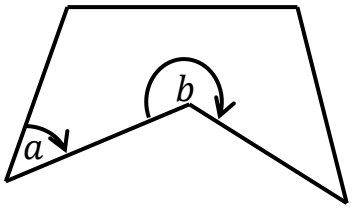
i. 8 ……. -1

ii. -4 ……. -7

11)Write the type of the angle on dotted lines.

a ……..

b……..



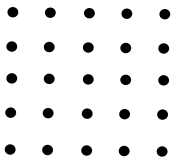
12)Arrange the following numbers in ascending order.

0.3, 0.035, 0.38, 3.5 ……..

13)Chathura walked P to Q along east direction and then Q to R along north direction. Draw a sketch to indicate his motion.

14)Write 108cm in metres and centimetres.

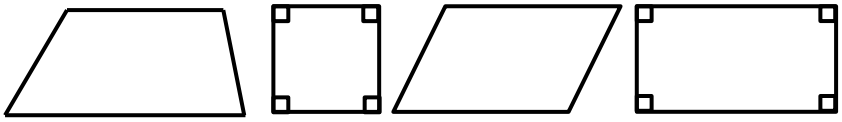
15)Which square number is illustrated in the figure



16)Add

	l	ml
	5	7 5
+	3	8 5

17)



Underline the correct answer contains correct names of the given plane figures in the order.

i. Rhombus, square, trapezium, parallelogram

ii. Parallelogram, square, Rhombus, Rectangle

iii. Trapezium, square, parallelogram, Rectangle

iv. parallelogram, parallelogram, Rectangle, Rhombus

18)Write 2 equivalent fractions for $\frac{8}{12}$

19)Draw the shape of a face of a cube. Name that shape

20)Two factors of 18 are 1 and 18. Write two other factors.

Part II

01)Think that your maths teacher gave 20 cards with numbers as shown below.

Recall the things you have studied regarding number types and number patterns to answer the following questions.

1	2	3	4	6	8	9	10	12	13	15

18	19	20	21	25	27	29	30	31

From the given numbers.

i. Select and write the smallest prime number.

ii. Select and write the prime number between 25 and 30.

iii. How many square numbers between 1 and 10.

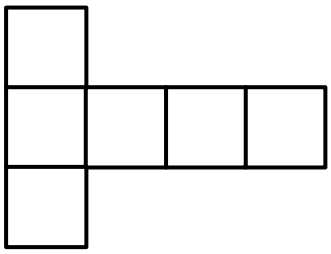
iv. From these numbers, by interchanging the digits of a certain prime number, then you will get another prime number. Write that 2 numbers.

v. Name the number pattern indicated by 1, 3, 6, 10, ……. Write the next term of that number pattern.

vi. Write all the prime numbers less than 20.

vii. Select and write all the multiples of 5

02)



i. What is the solid that can be made by using the given net.

ii. Draw another net that can be used to make the same solid.

iii. Write the number of faces, vertices and edged of that solid separately.

iv. Write the name of the solid that can be made by pasting two such solids together. Write two examples for such solids from the environment.

03)

i. Fill in the blanks using ">", "<" or "=" signs appropriately

a) $\frac{5}{6}$ ..... $\frac{4}{6}$ b) $\frac{5}{7}$ ..... $\frac{10}{14}$

ii.

a) Write the following fractions in ascending order. $\frac{4}{5}, \frac{4}{10}, \frac{4}{7}, \frac{4}{8}$

b) Simplify

i. $\frac{3}{7}+\frac{2}{7}$ ii. $\frac{2}{3}+\frac{1}{12}$ iii. $\frac{4}{5}-\frac{7}{20}$

04)

i. Write 4 factors for each number given below.

a) 24 b) 60

ii. Write four multiples of 4 greater than 20

iii. From the following numbers select and write all the numbers which are divisible by 5.
235, 346, 558, 390

iv. There are 50 students in a class. All the students are separated in to groups such that each group contains more than 2 members and equal number of members in each group.

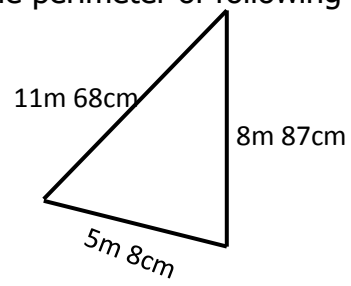
05)

i. Copy the given table on to your answer sheet and fill in the blanks by writing suitable Instrument and unit to measure the lengths of the given instances.

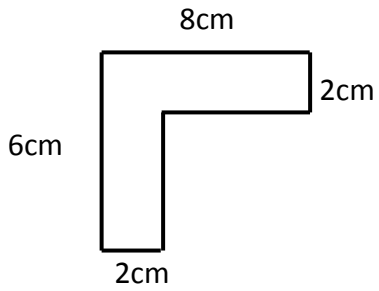
Instance	Suitable instrument	Unit
Height of a wall	Metre ruler	Metre
Thickness of an exercise book		
Girth of a tree trunk		

ii. Find the perimeter of following figures.

(a)



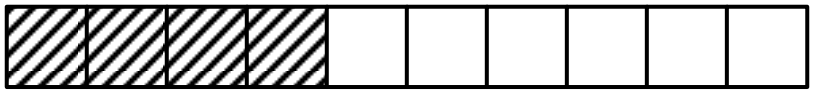
(b)



iii. Width of a rectangle is 20cm and perimeter is 100cm. Find its length.

06)

a) Write Shaded part in the figure.



i. As a fraction

ii. As a decimal

iii. Write the answer of above (ii) in words.

b) Copy the following table on to your answer sheet and fill in the blanks.

Number	Digit	Place of the digit	Value represented by that digit
14.63	6	First decimal place	0.6
235.48	3	Tens place	.....
316.52	2		0.02
75.07	0		.....

c) Simplify

(i)

$$\begin{array}{r} 23.85 \\ +\ 11.04 \\ \hline \\ \hline\hline \end{array}$$

(ii)

$$\begin{array}{r} 18.7 \\ -\ 06.9 \\ \hline \\ \hline\hline \end{array}$$

07)

08)

09)

10)

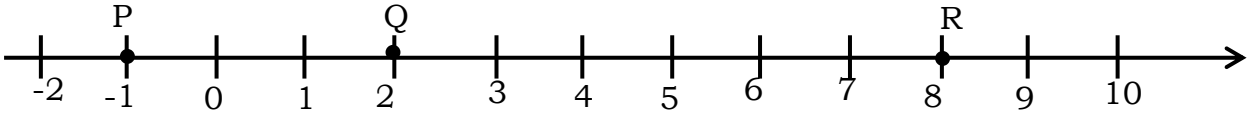
a) Separate the given items in the square in to two suitable groups and write a suitable name for each group.

Triangle	Regular tetrahedron	
Cuboid	Square	Rectangle
Cylinder	Rhombus	Cube

b)

i. Write 2 factors of an accurate number line

ii. In the following number line



a) Write the numbers represented by P, Q, R

b) Write all the integers marked on this number line and less than 3

c) Write 4, -1, 1, 0 in descending order

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