Answer all question in this paper
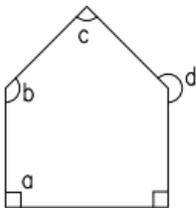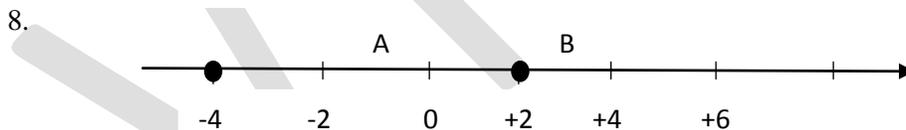
1. Find the value of 73×100 ?

2. Two boxes contain 612 and 428 sweets respectively. If divided among 40 students, how many sweets received by one student

3. Write 8.30am in international standard form.

4. Find the value of $2 + 5 \times 3$

5. $12 = 1 \times \square$
    $= 2 \times 6$
    $= 3 \times \square$ Fill in the blank boxes.

6. What is the digital root of 533? It is divisible by 3?

7. Write the type of each angle shown by the letters a, b, c, and d in the given figure.

    a =--------------------------------
    b =--------------------------------
    c =--------------------------------
    d =--------------------------------

8.

    Write down the values represented by A and B on the number line given below.
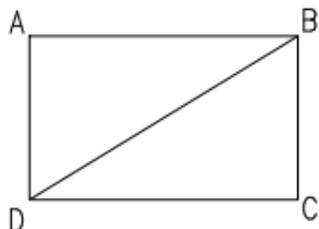
    A =-------------   B =----------------

9. $2l$ of water and $1l\ 200ml$ of fruit juice was mixed to prepare a soft drink, what is the amount of one glass if the soft drink is divided into 8 glasses equally in millitres?

10. a. What are the base of 5^2?

    b. Find the value of 5^2?

11. Write the numbers in set form which are between 0 to 5

12. Write today date in standard form.

13. In 2018   1.   Which decade?   ----------------------------
                   2.   Which millennium?   ----------------------------

14. ABCD in the diagram is a rectangle. Name 2 pair of parallel line to each other from this diagram.

                              I. AB //----------------
                              II. CD // ---------------

15. One person exercises for 25 minutes in morning and 35 minutes in evening everyday
    How many hours does he spend exercising during a month?
    (a month has 30 days)

16. I.   Is the number 172132 divide by 4 without the dividing
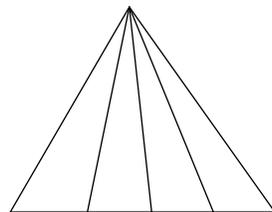
    II.   explain the answer

17. Select the smallest unit fraction of the following fraction
    $\frac{1}{9}, \frac{1}{5}, \frac{1}{2}, \frac{1}{3}$

18. Using the digital root, explain why 532 is divisible by 3
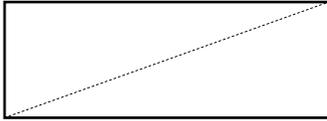
19. Solve: $\frac{2}{5} + \frac{3}{10}$

20. Find the total number of triangles can be seen in the figure given below?

PART -II

Answer all questions.

1)   Recall the activity that you did about bilateral symmetry
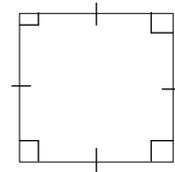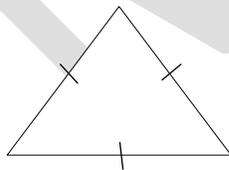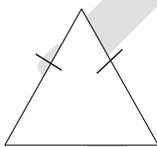

       The given rectangle is fold along the dotted line.

   a. Is this line an axis of symmetry of the given rectangle? Give reasons

   b. Is this rectangle bilaterally about this line? Explain your answer giving diagram.

   c. What is a bilaterally symmetric plane figure?

   d. Redraw the above rectangle and marked the symmetric axes.

   e. Construct the symmetrical figure

   f. Draw their axes of symmetry and name them

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   g. Write down the one of the Tamil and English symmetric letters

                                          (16 marks)

2) a)   When solve this equation $21 - 15 \div 3$, Sampavi and Sankavi have obtained the answers 16 and 2
             Respectively
            i.   Who is find the correct answer
            ii.   Simplify:
                  a) $15 + 9 \div 3$
                  b) $5 + 2 \times 4$
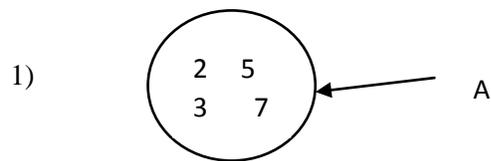   c) $9 \times 4 - 3$
                  d) $(18 - 3) \times 10$

b) Suba mass was $34 kg\ 400 g$ on grade 6. In grade 7 her mass was $41 kg\ 055 g$. What is the increase in her mass during the one year? (11 marks)

03) When a whole number is written as a product of two whole numbers, those two numbers are known as factors of the original number.

1) Write the factors of 6.
2) Write the factors of 8.
3) Write the common factors of 6 and 8.
4) Find the H.C.F of 6 and 8.
5) Find the H.C.F of 12 and 18?

(11 marks)

04)
1)

I. Write the set represented by the Venn diagram, using a common property of its elements.
II. B is the set of positive whole numbers from 1 to 5. Write down the set B by listing its elements.

2) Simplify:

I. $(+3) + (-5)$ II. $(+2.5) + (-1.4)$

III. $(-3) + (-4)$ iv. $(-1\frac{1}{2}) + (-2\frac{1}{2})$

(11marks)

05) a) 1) Draw a straight line segment of length 6cm and name it AB.
2) Draw a line parallel to the AB and name it as XY

b) Simplify:

I.	month	days		II.	year	months	days
	5	17			5	9	20
	3	23	+		3	3	16	−
	_____				_____		
	_____				_____		

III Varathan's date of birth 2006.05.18. What is him age on 2018.01.30 ?

(11marks)