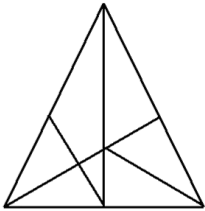


Section-A

(1×4=4)

- Write 0.342 in lowest term.
- Find the perimeter of square whose each side is 5 cm long.
- Write an expression for the statement: 7 subtracted from p
- How many triangles are there in the figure?

Section-B

(2×6=12).

- Abhay Had Rs 50. He bought fruits for Rs 24.75. Find the amount left with Abhay.
- Find the side of a square whose perimeter is 24 m.
- Rajat , Nimith, and Vineeth had appeared for the medical examination for the Indian Army. After examining they see that their heights were 1.7 m, 1.71 m, and 172 cm respectively. Who among the three is the tallest?
- If the side on an equilateral triangle is L, what is its perimeter?
- Cost of a dozen pens is Rs 180 and cost of 8 pencils is RS 56. Find the ratio of cost of a pen to the cost of a pencil.
- Draw triangle which has:
 - One line of symmetry
 - Exactly three lines of symmetry

Section-C

(3×8=24)

- Convert using decimals:
 - 8888 m into decimals
 - 50 rupees 90 paise into rupees
 - 2 g into Kg

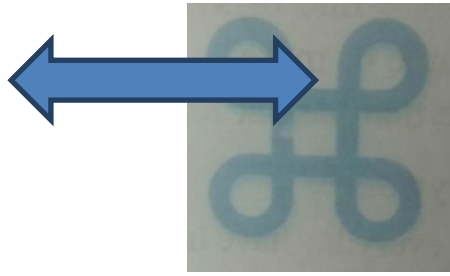
- Total numbers of students of a school in different years is shown in following table:

Years	Number of Students
1996	400
1998	535
2000	472
2002	600
2004	623

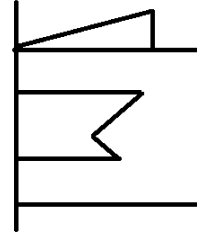
Prepare a pictograph of students using one symbol to represent 100 students .

- A rectangular park is 30 m long and 20 m broad. A steel wire is put all around it. Find the length of wire required to fence the park.
- The length of a rectangular hall is 4 meters less than 3 times the breadth of the hall. What is the length, if breadth is b metre?

15. Find the number of lines of symmetry for the given shapes:



16. Draw the mirror image of following fig:



17. Are the ratios 25 g : 30 g and 40 Kg : 48 Kg in proportion?

18. Rohit purchases 10 pencils for Rs 120 and Arush purchases 7 pencils for Rs 84. Who made more runs per over?

Section-D

(4×10=40)

19. (a) Write as decimals: Nine tens and two-tenths
(b) Show 1.9 on number line.
(c) Which IS greater: 1.3 or 1.03?
(d) Write in words: 10.07

20. Following are the numbers of members in 20 families in a village:

5, 9, 4, 8, 8, 7, 6, 6, 6, 2, 8, 5, 7, 5, 8, 9, 7, 6

Prepare a frequency distribution table for the data. Also, answer the following questions:

- (a) What is the smallest family size?
(b) What is the most common family size?

21. A car travels 90 km in $2\frac{1}{2}$ hours.

- (a) How much time is required to cover 30 km with the same speed?
(b) Find the distance covered in 2 hours with the same speed.

22. A floor is 5 m long and 4 m wide. A square carpet of sides 3 m laid on the floor. Find the area of the floor that is not carpeted?

23. If Saumya's present age is m years then

- (a) What will be her age after 5 years from now?
(b) What was her age 3 years back?
(c) Saumya's father's age is 5 years more than 3 times Saumya's age. What is her father's age?

24. Write Expressions for the following statements:

- (a) Y is multiplied by -8
(b) 5 times y to which 3 is added

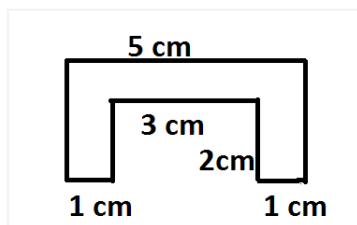
- (c) Sum of a and b is divided by 2
- (d) 5 is subtracted from the product of 2 and z

25. The following table shows the number of trains which left New Delhi Station for other cities on a certain afternoon:

Name of cities	Kanpur	Mumbai	Bhopal	Ahmedabad	Chennai
Number of Trains	3	5	2	4	2

Represent the information by bar graph.

26. Find the perimeter and area of given figure :



27. (a) Find ratio of: (i) 30 minutes to 1.5 hours (ii) 55 paise to 1 rupee
 (b) Determine if 32, 48, 70 and 210 are in proportion.

28. Riya bought 5Kg of almonds from her farm .She gave 800gm to her maid, 1Kg 300gm to her neighbour. Find the weight of almonds left with her. Mention the value you depict from this.

Section-E

(10)

29. What amount is spent on the plants used to cover the boundary?
 30. Team A wants to fence the lands with wire. Find the length of wire required.
 31. Determine the area occupied by 4 rooms.
