



INDIAN SCHOOL DARSAIT
DEPARTMENT OF MATHEMATICS



Subject : Mathematics	Topics :Ratio & Proportion Symmetry	Date of Worksheet : 8/02/18
Resource Person:Mrs. Jobby P.		Date :
Name of the Student : _____	Class & Division : VI	Roll Number : ____

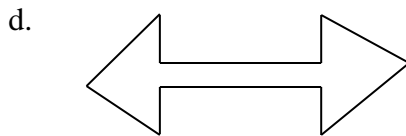
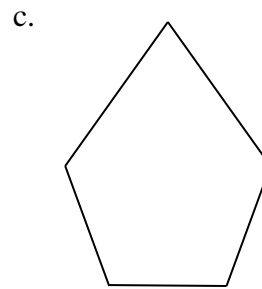
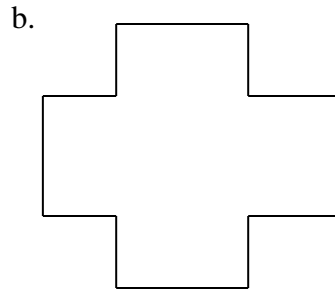
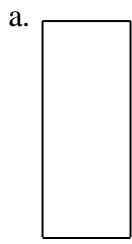
Section A - Basic Skills

- 1 **Find the ratio of the following**
- a. 33 to 121
 - b. 250 to 500
 - c. 120 to 600
 - d. 20 minutes to 2 hours
 - e. 25 paise to 1 Re
 - f. 50 cm to 1 m
- 2 **Determine if the following are in proportion**
- a. 21, 42, 6, 12
 - b. 33, 77, 24, 54
 - c. 16, 64, 25, 100
 - d. 3, 4, 18, 24

Section B

- 3 The cost of 40 pencils is Rs. 120. How many pencils can be bought for Rs. 90?
- 4
- a. Divide 63 in the ratio 5:4
 - b. Divide 28 in the ratio 3: 11
- 5 There are 50 stamps and 60 envelopes in a box. What is the ratio of the number of envelopes to number of stamps?
- 6 There are 24 balls in 6 bags. How many balls are there in 10 bags?

7 Draw the lines of symmetry for the following



Section C- HOTS

- 8 Sneha gets a salary of Rs. 3500 and Alisha gets Rs 1500 more than Sneha. Find the ratio of the salary of Sneha to salary of Alisha.
- 9 The width of a rectangle is 25 cm and its length is 45 cm. What is the ratio of the width to the perimeter of the rectangle?
- 10 Raj travels 90 km in 1 hour and Hari travels 120 km in the same time. Find the ratio of the speed of Raj to the speed of Hari.
- 11 A Public School in a city has 600 girls among its 1500 students. What is the ratio of the boys to the number of girls in the school?