MATHS

BOOKS - CALCUTTA BOOK HOUSE MATHS (BENGALI ENGLISH)

CONSTRUCTION DRAWING OF PARALLELOGRAMS EQUAL TO THE AREA OF A GIVEN TRIANGLE

Examples

1. For drawing a frequency polygon of a continuous frequency distribution, we plot the points whose ordinates are the frequencies of the respective classes and abscissae are the:

A. upper limits of the classes

B. lower limits of the classes

C. class marks of the classes

D. None of the above

Answer:

Watch Video Solution

2. Construct a triangle ABC of sides AB = 6 cm , BC = 9 cm and $\angle ABC = 55^\circ$.

Watch Video Solution

3. The probability that it will rain tomorrow is 0.85. What is the probability that it will not rain tomorrow ?

Watch Video Solution

4. Construct an equilateral triangle of sides 5.6 cm .

Watch Video Solution

5. Three coins are tossed together. Find the probability of getting at most two heads.

Watch Video Solution

6. Construct an isosceles triangle , each of whose equal sides is of length 8 cm and the angle between the equal sides is 30° .

Watch Video Solution

7. Construct a triangle of sides 3 cm , 4 cm and 6 cm

[Give construction signs only]

Watch Video Solution

Exercise 5

1. Construct an equilateral triangle of sides 6.7 cm.

Watch Video Solution

2. construct the triangle whose lengths of the sides AB, BC and CA of the ΔABC are 8 cm , 6 cm and 5 cm respectively.

Watch Video Solution

3. Construct an equilateral triangle of sides 5.5 cm.

Watch Video Solution

4. Construct a triangle of sides 5 cm , 8 cm and 10cm.

Watch Video Solution

5. Construct a triangle of sides 5 cm , 8 cm and 11cm.

Watch Video Solution

6. Construct an equilateral triangle of sides 6.5 cm.

Watch Video Solution

7. Construct an isosceles triangle , each of whose equal sides is 10 cm and the length of unequal third side is 8 cm .

Watch Video Solution

8. Construct a triangle , two of whose sides are of lengths 6 cm and 8 cm and the angle between them is 60° .

Watch Video Solution

9. In $\Delta ABC, \angle ABC = 30^\circ, \angle ACB = 75^\circ$ and $BC = 10cm$ Construct ΔAB

.

Watch Video Solution

10. In $\Delta ABC, AB = BC = 6.5cm$ and $\angle ABC = 60^\circ$. Construct the ΔABC`

Watch Video Solution