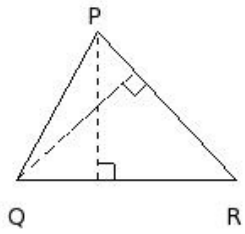
EduSahara™ Assignment

Name : Triangles

Chapter : Area and Perimeter

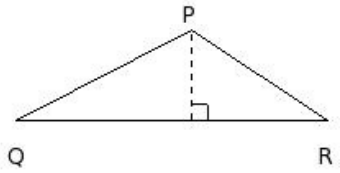
Grade : SSC Grade VII

1. In △PQR, if QR = 13 cm, RP = 12 cm and the corresponding height of side QR = 8.77 cm, then corresponding height of side RP =



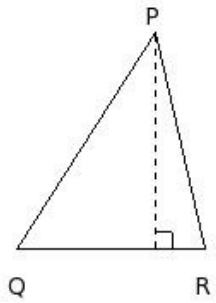
(i) 9.50 cm (ii) 8.50 cm (iii) 7.50 cm (iv) 10.50 cm (v) 11.50 cm

2. In △PQR, if QR = 19 cm, RP = 10 cm and the corresponding height of side QR = 5.51 cm, then area of the triangle =



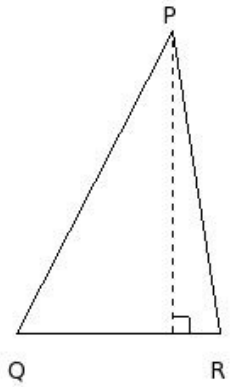
(i) 52.39 sq.cm (ii) 57.39 sq.cm (iii) 55.39 sq.cm (iv) 49.39 sq.cm (v) 47.39 sq.cm

3. In △PQR, if base QR = 11 cm and the corresponding height of side QR = 12.66 cm, then area of the triangle =



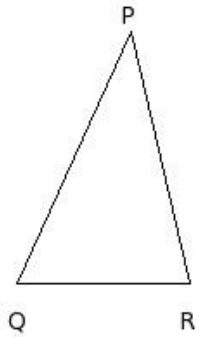
(i) 69.63 sq.cm (ii) 66.63 sq.cm (iii) 64.63 sq.cm (iv) 72.63 sq.cm (v) 74.63 sq.cm

4. In △PQR, if base QR = 12 cm and area of the triangle = 106.65 sq.cm, then corresponding height of side QR =



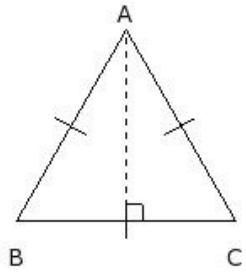
(i) 20.78 cm (ii) 12.78 cm (iii) 14.78 cm (iv) 22.78 cm (v) 17.78 cm

5. In △PQR, if corresponding height of side QR = 14.6 cm and area of the triangle = 72.99 sq.cm, then side QR =



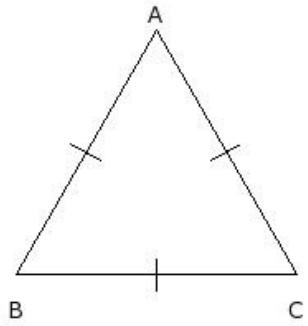
(i) 5.00 cm (ii) 7.00 cm (iii) 13.00 cm (iv) 10.00 cm (v) 15.00 cm

6. If the side of an equilateral triangle is 13 cm, the height of the equilateral triangle =



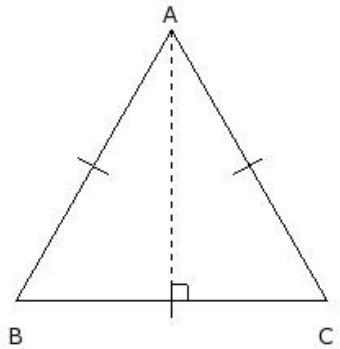
(i) 6.26 cm (ii) 8.26 cm (iii) 16.26 cm (iv) 11.26 cm (v) 14.26 cm

7. If area of an equilateral triangle is 125.14 sq.cm, the side of the equilateral triangle =



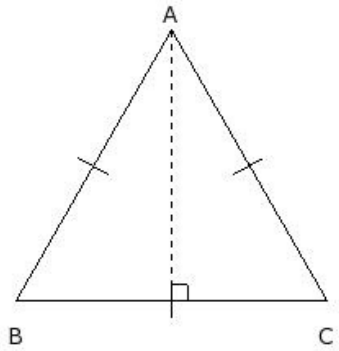
(i) 20.00 cm (ii) 14.00 cm (iii) 22.00 cm (iv) 17.00 cm (v) 12.00 cm

8. If area of an equilateral triangle is 156.32 sq.cm, the height of the equilateral triangle =



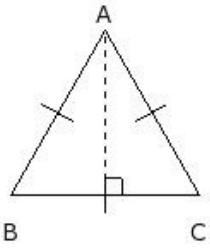
(i) 19.45 cm (ii) 13.45 cm (iii) 11.45 cm (iv) 21.45 cm (v) 16.45 cm

9. If height of an equilateral triangle is 16.45 cm, the side of the equilateral triangle =



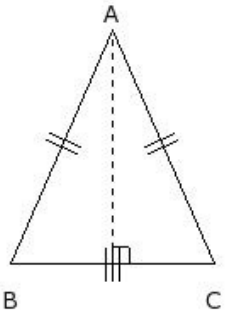
(i) 22.00 cm (ii) 24.00 cm (iii) 19.00 cm (iv) 14.00 cm (v) 16.00 cm

10. If height of an equilateral triangle is 9.53 cm, the area of the equilateral triangle =



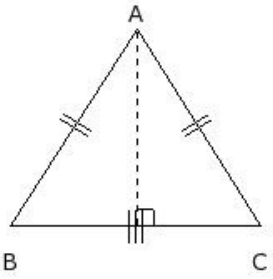
(i) 57.39 sq.cm (ii) 52.39 sq.cm (iii) 55.39 sq.cm (iv) 49.39 sq.cm (v) 47.39 sq.cm

11. In an isosceles triangle △ABC, if base BC = 12 cm and the corresponding height is 13.75 cm, then area of the triangle =



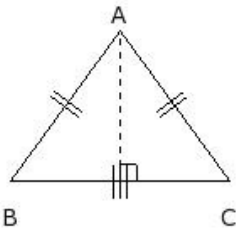
(i) 77.49 sq.cm (ii) 85.49 sq.cm (iii) 87.49 sq.cm (iv) 79.49 sq.cm (v) 82.49 sq.cm

12. In an isosceles triangle △ABC, if base BC = 15 cm and area is 88.66 sq.cm, then corresponding height of side BC =



(i) 6.82 cm (ii) 14.82 cm (iii) 8.82 cm (iv) 16.82 cm (v) 11.82 cm

13. In an isosceles triangle △ABC, the corresponding height of the side BC is 8.87 cm and area is 57.68 sq.cm, then side BC =



(i) 18.00 cm (ii) 16.00 cm (iii) 10.00 cm (iv) 13.00 cm (v) 8.00 cm

Assignment Key

1) (i)	2) (i)	3) (i)	4) (v)	5) (iv)	6) (iv)
7) (iv)	8) (v)	9) (iii)	10) (ii)	11) (v)	12) (v)
13) (iv)					