EduSahara™ Assignment

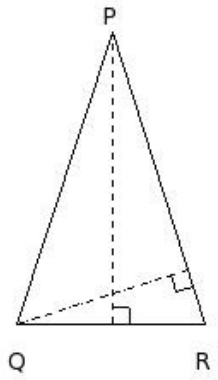
Name : Triangles

Chapter : Area and Perimeter

Grade : SSC Grade VII

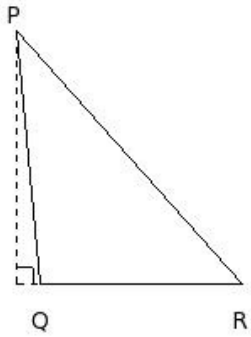
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1. In △PQR, if QR = 11 cm, RP = 18 cm and the corresponding height of side QR = 17.14 cm, then corresponding height of side RP =



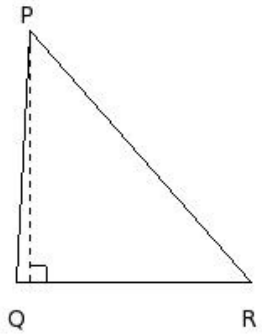
(i) 5.47 cm (ii) 7.47 cm (iii) 15.47 cm (iv) 10.47 cm (v) 13.47 cm

2. In △PQR, if QR = 12 cm, RP = 20 cm and the corresponding height of side QR = 14.94 cm, then area of the triangle =



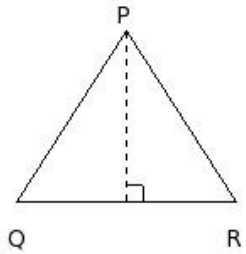
(i) 86.67 sq.cm (ii) 92.67 sq.cm (iii) 89.67 sq.cm (iv) 84.67 sq.cm (v) 94.67 sq.cm

3. In △PQR, if base QR = 14 cm and the corresponding height of side QR = 14.98 cm, then area of the triangle =



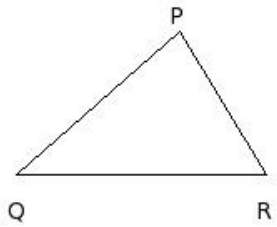
(i) 119.87 sq.cm (ii) 116.87 sq.cm (iii) 104.87 sq.cm (iv) 98.87 sq.cm (v) 76.87 sq.cm

4. In △PQR, if base QR = 13 cm and area of the triangle = 65.57 sq.cm, then corresponding height of side QR =



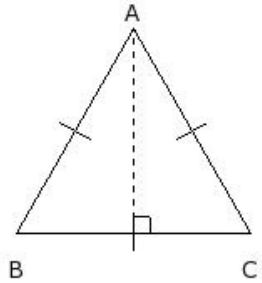
(i) 7.09 cm (ii) 13.09 cm (iii) 10.09 cm (iv) 5.09 cm (v) 15.09 cm

5. In △PQR, if corresponding height of side QR = 8.54 cm and area of the triangle = 64.06 sq.cm, then side QR =



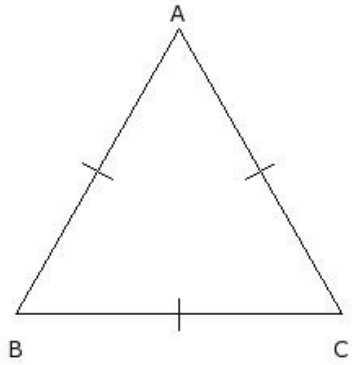
(i) 15.00 cm (ii) 18.00 cm (iii) 20.00 cm (iv) 12.00 cm (v) 10.00 cm

6. If the side of an equilateral triangle is 14 cm, the height of the equilateral triangle =



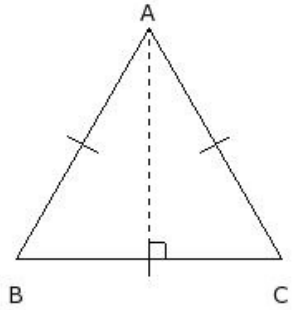
(i) 17.12 cm (ii) 12.12 cm (iii) 15.12 cm (iv) 9.12 cm (v) 7.12 cm

7. If area of an equilateral triangle is 173.21 sq.cm, the side of the equilateral triangle =



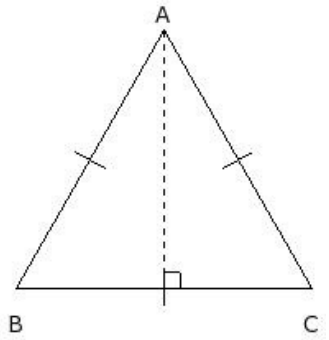
(i) 23.00 cm (ii) 20.00 cm (iii) 17.00 cm (iv) 15.00 cm (v) 25.00 cm

8. If area of an equilateral triangle is 110.85 sq.cm, the height of the equilateral triangle =



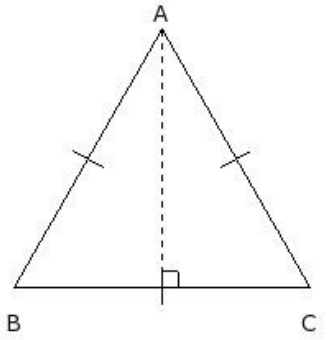
(i) 13.86 cm (ii) 10.86 cm (iii) 18.86 cm (iv) 16.86 cm (v) 8.86 cm

9. If height of an equilateral triangle is 15.59 cm, the side of the equilateral triangle =



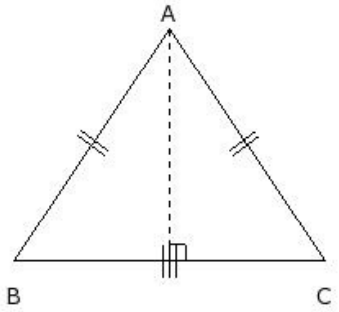
(i) 13.00 cm (ii) 18.00 cm (iii) 23.00 cm (iv) 21.00 cm (v) 15.00 cm

10. If height of an equilateral triangle is 15.59 cm, the area of the equilateral triangle =



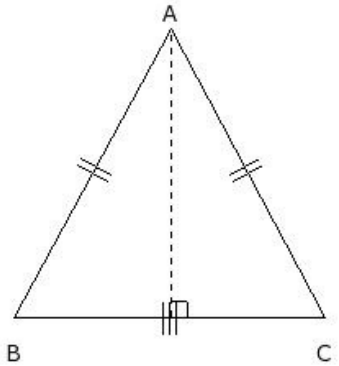
(i) 143.30 sq.cm (ii) 138.30 sq.cm (iii) 140.30 sq.cm (iv) 165.30 sq.cm (v) 116.30 sq.cm

11. In an isosceles triangle △ABC, if base BC = 19 cm and the corresponding height is 14.1 cm, then area of the triangle =



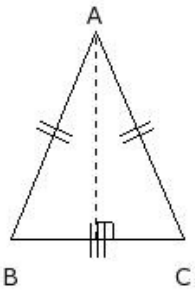
(i) 151.93 sq.cm (ii) 133.93 sq.cm (iii) 117.93 sq.cm (iv) 149.93 sq.cm (v) 115.93 sq.cm

12. In an isosceles triangle △ABC, if base BC = 19 cm and area is 167.2 sq.cm, then corresponding height of side BC =



(i) 12.60 cm (ii) 22.60 cm (iii) 20.60 cm (iv) 14.60 cm (v) 17.60 cm

13. In an isosceles triangle △ABC, the corresponding height of the side BC is 12 cm and area is 60 sq.cm, then side BC =



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

Assignment Key

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

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