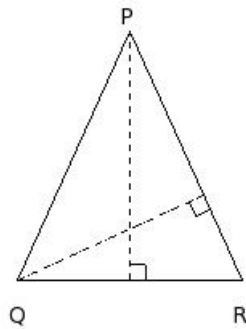


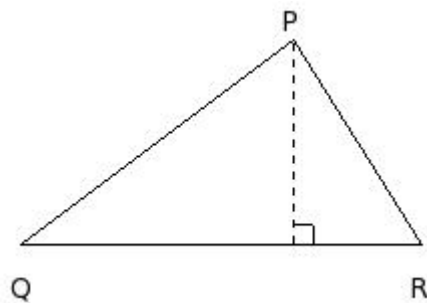
EduSahara™ Learning Center Assignment**Grade : Class VII, SSC****Chapter : Area and Perimeter****Name : Triangles****Licensed To : Teachers and Students for non-commercial use**

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1. In $\triangle PQR$, if $QR = 14$ cm, $RP = 17$ cm and the corresponding height of side $QR = 15.49$ cm, then corresponding height of side $RP =$



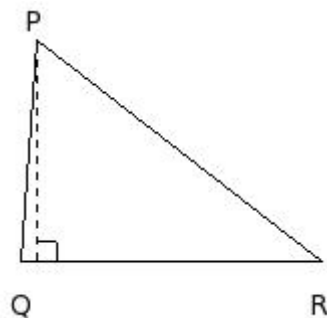
- (i) 9.76 cm (ii) 7.76 cm (iii) 15.76 cm (iv) 12.76 cm (v) 17.76 cm

-
2. In $\triangle PQR$, if $QR = 20$ cm, $RP = 12$ cm and the corresponding height of side $QR = 10.17$ cm, then area of the triangle =



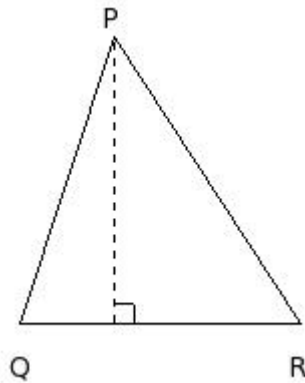
- (i) 114.67 sq.cm (ii) 116.67 sq.cm (iii) 93.67 sq.cm (iv) 101.67 sq.cm (v) 88.67 sq.cm

-
3. In $\triangle PQR$, if base $QR = 15$ cm and the corresponding height of side $QR = 10.98$ cm, then area of the triangle =



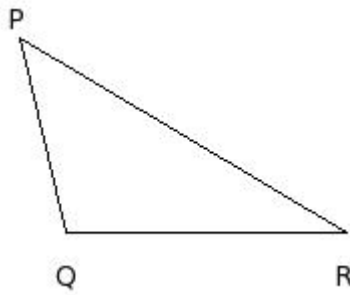
- (i) 77.32 sq.cm (ii) 85.32 sq.cm (iii) 79.32 sq.cm (iv) 82.32 sq.cm (v) 87.32 sq.cm
-

4. In $\triangle PQR$, if base $QR = 14$ cm and area of the triangle = 99.68 sq.cm, then corresponding height of side $QR =$



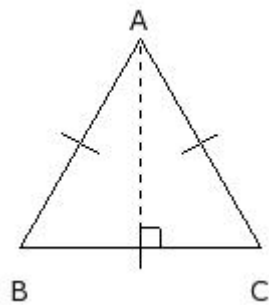
- (i) 14.24 cm (ii) 17.24 cm (iii) 11.24 cm (iv) 19.24 cm (v) 9.24 cm
-

5. In $\triangle PQR$, if corresponding height of side $QR = 9.73$ cm and area of the triangle = 68.09 sq.cm, then side $QR =$



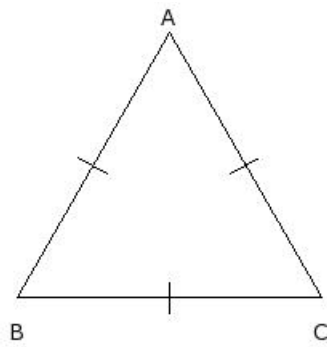
- (i) 9.00 cm (ii) 11.00 cm (iii) 14.00 cm (iv) 17.00 cm (v) 19.00 cm
-

6. If the side of an equilateral triangle is 12 cm, the height of the equilateral triangle =



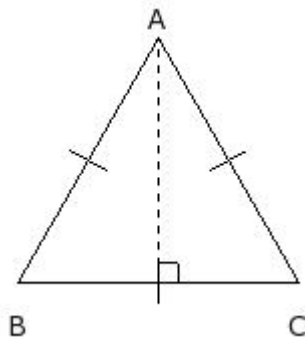
- (i) 7.39 cm (ii) 5.39 cm (iii) 13.39 cm (iv) 10.39 cm (v) 15.39 cm
-

7. If area of an equilateral triangle is 156.32 sq.cm, the side of the equilateral triangle =



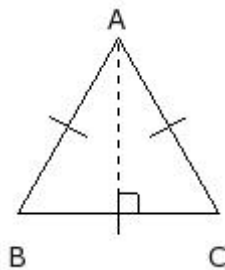
- (i) 16.00 cm (ii) 19.00 cm (iii) 24.00 cm (iv) 22.00 cm (v) 14.00 cm
-

8. If area of an equilateral triangle is 84.87 sq.cm, the height of the equilateral triangle =



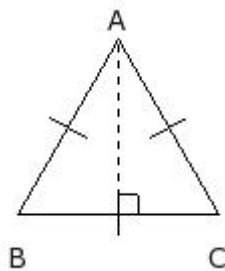
- (i) 7.12 cm (ii) 12.12 cm (iii) 9.12 cm (iv) 17.12 cm (v) 15.12 cm
-

9. If height of an equilateral triangle is 8.66 cm, the side of the equilateral triangle =



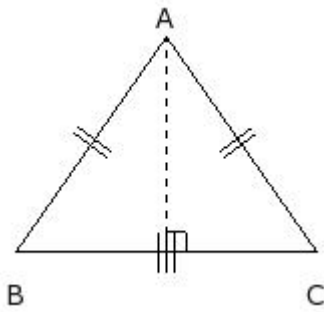
- (i) 5.00 cm (ii) 15.00 cm (iii) 13.00 cm (iv) 10.00 cm (v) 7.00 cm
-

10. If height of an equilateral triangle is 8.66 cm, the area of the equilateral triangle =



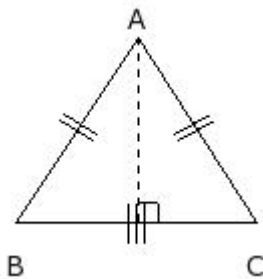
- (i) 40.30 sq.cm (ii) 46.30 sq.cm (iii) 38.30 sq.cm (iv) 48.30 sq.cm (v) 43.30 sq.cm
-

11. In an isosceles triangle $\triangle ABC$, if base $BC = 15$ cm and the corresponding height is 10.62 cm, then area of the triangle =



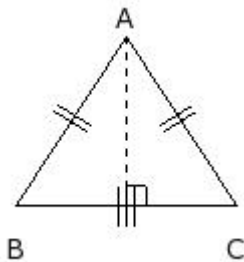
- (i) 79.64 sq.cm (ii) 76.64 sq.cm (iii) 84.64 sq.cm (iv) 74.64 sq.cm (v) 82.64 sq.cm
-

12. In an isosceles triangle $\triangle ABC$, if base $BC = 12$ cm and area is 55.32 sq.cm, then corresponding height of side $BC =$



- (i) 10.22 cm (ii) 9.22 cm (iii) 11.22 cm (iv) 8.22 cm (v) 7.22 cm
-

13. In an isosceles triangle $\triangle ABC$, the corresponding height of the side BC is 8.35 cm and area is 45.93 sq.cm, then side $BC =$



- (i) 11.00 cm (ii) 16.00 cm (iii) 6.00 cm (iv) 8.00 cm (v) 14.00 cm
-

Assignment Key

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