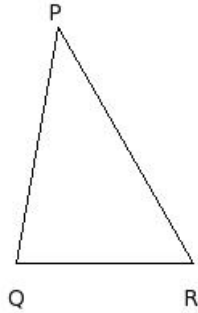


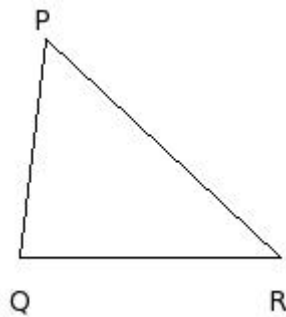
EduSahara™ Learning Center Assignment**Grade : Class VIII, CBSE****Chapter : Mensuration****Name : Perimeter and Area of Triangles****Licensed To : Teachers and Students for non-commercial use**

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1. In $\triangle PQR$, if $QR = 11$ cm, $RP = 17$ cm, $PQ = 15$ cm, then perimeter of the triangle =



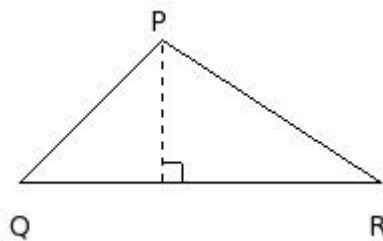
- (i) 46.00 cm (ii) 43.00 cm (iii) 38.00 cm (iv) 48.00 cm (v) 40.00 cm

-
2. In $\triangle PQR$, if $QR = 13$ cm, $RP = 16$ cm and perimeter = 40 cm, then side $PQ =$



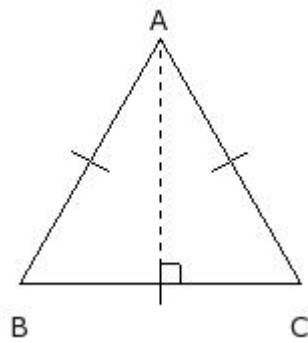
- (i) 11.00 cm (ii) 8.00 cm (iii) 16.00 cm (iv) 6.00 cm (v) 14.00 cm

-
3. In $\triangle PQR$, if base $QR = 18$ cm and the corresponding height of side $QR = 7.06$ cm, then area of the triangle =



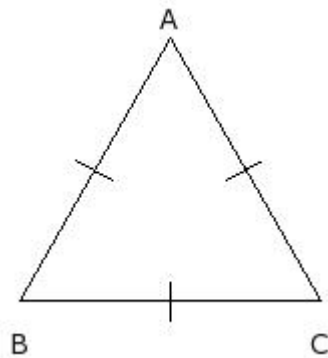
- (i) 60.53 sq.cm (ii) 66.53 sq.cm (iii) 58.53 sq.cm (iv) 68.53 sq.cm (v) 63.53 sq.cm

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



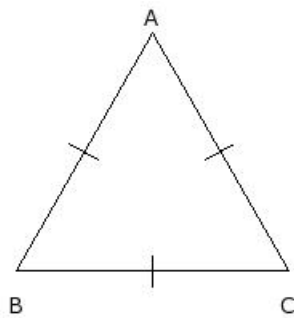
- (i) 15.12 cm (ii) 7.12 cm (iii) 17.12 cm (iv) 12.12 cm (v) 9.12 cm
-

5. If the side of an equilateral triangle is 15 cm, the perimeter of the equilateral triangle =



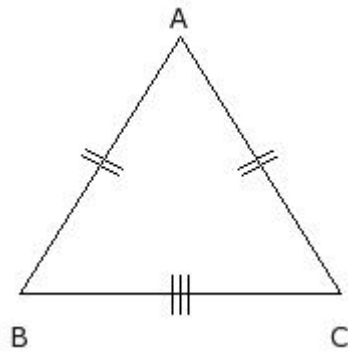
- (i) 40.00 cm (ii) 45.00 cm (iii) 50.00 cm (iv) 42.00 cm (v) 48.00 cm
-

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



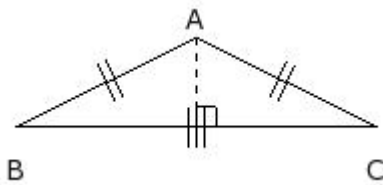
- (i) 17.00 cm (ii) 20.00 cm (iii) 22.00 cm (iv) 14.00 cm (v) 12.00 cm
-

7. In an isosceles triangle $\triangle ABC$, if $BC = 16$ cm, $CA = AB$ and perimeter is 46 cm, then side $AB =$



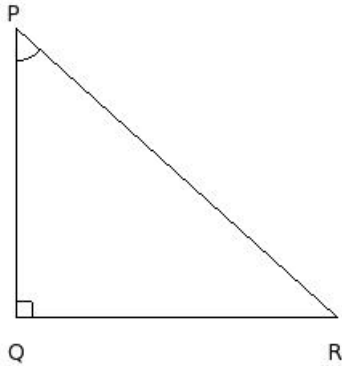
- (i) 10.00 cm (ii) 20.00 cm (iii) 18.00 cm (iv) 12.00 cm (v) 15.00 cm

8. In an isosceles triangle $\triangle ABC$, if base $BC = 18$ cm and the corresponding height is 4.36 cm, then side $AB =$



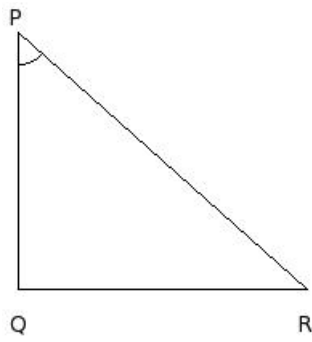
- (i) 10.00 cm (ii) 5.00 cm (iii) 15.00 cm (iv) 13.00 cm (v) 7.00 cm

9. In a right angled triangle $\triangle PQR$, if $QR = 20$ cm, $PQ = 18$ cm are the lengths of perpendicular sides, then corresponding height of side $QR =$



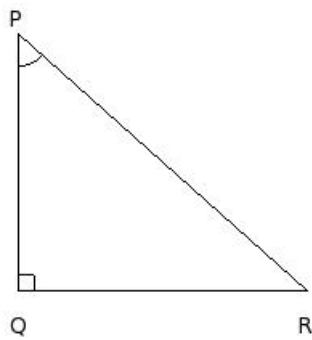
- (i) 18.00 cm (ii) 21.00 cm (iii) 23.00 cm (iv) 15.00 cm (v) 13.00 cm

10. In a right angled triangle $\triangle PQR$, if $QR = 18$ cm, $PQ = 16$ cm are the lengths of perpendicular sides, then area of the triangle =



- (i) 127.00 sq.cm (ii) 144.00 sq.cm (iii) 141.00 sq.cm (iv) 152.00 sq.cm (v) 156.00 sq.cm
-

11. In a right angled triangle $\triangle PQR$, if the base $QR = 18$ cm and the corresponding height is 16 cm, then area of the triangle =



- (i) 138.00 sq.cm (ii) 161.00 sq.cm (iii) 144.00 sq.cm (iv) 117.00 sq.cm (v) 152.00 sq.cm
-

Assignment Key

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