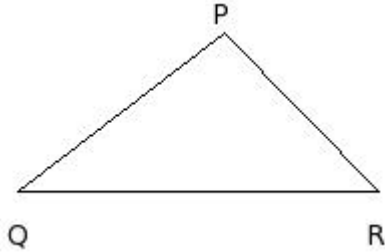


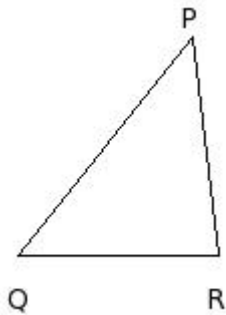
EduSahara™ Learning Center Assignment**Grade : Class IX, ICSE****Chapter : Perimeter and Area of Plane Figures****Name : Perimeter and Area of Triangles**

1. In $\triangle PQR$, if $QR = 18$ cm, $RP = 11$ cm, $PQ = 13$ cm, then perimeter of the triangle =



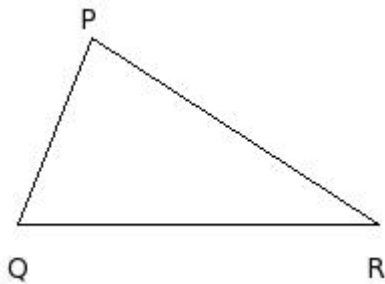
- (i) 47.00 cm (ii) 37.00 cm (iii) 39.00 cm (iv) 42.00 cm (v) 45.00 cm

2. In $\triangle PQR$, if $QR = 10$ cm, $RP = 11$ cm, $PQ = 14$ cm, then area of the triangle =



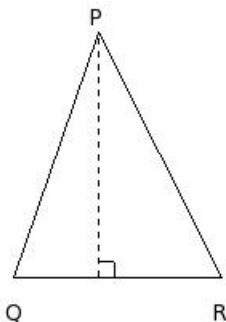
- (i) 51.64 sq.cm (ii) 59.64 sq.cm (iii) 57.64 sq.cm (iv) 54.64 sq.cm (v) 49.64 sq.cm

3. In $\triangle PQR$, if $QR = 18$ cm, $RP = 17$ cm and perimeter = 45 cm, then area of the triangle =



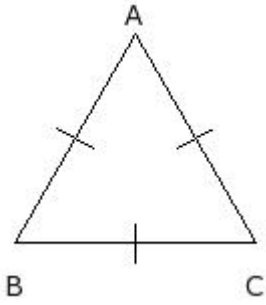
- (i) 80.43 sq.cm (ii) 83.43 sq.cm (iii) 78.43 sq.cm (iv) 88.43 sq.cm (v) 86.43 sq.cm

4. In $\triangle PQR$, if base $QR = 13$ cm and the corresponding height of side $QR = 15.12$ cm, then area of the triangle =



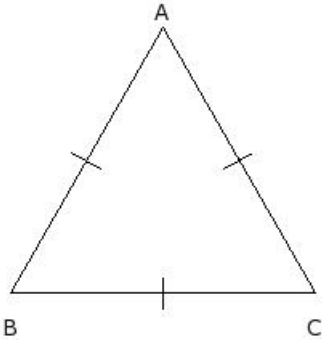
- (i) 98.29 sq.cm (ii) 93.29 sq.cm (iii) 103.29 sq.cm (iv) 101.29 sq.cm (v) 95.29 sq.cm

5. If the side of an equilateral triangle is 12 cm, the perimeter of the equilateral triangle =



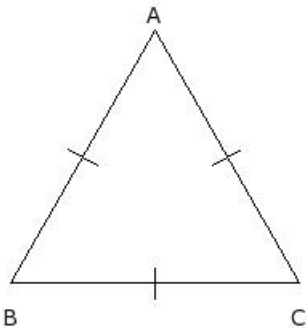
- (i) 36.00 cm (ii) 33.00 cm (iii) 41.00 cm (iv) 39.00 cm (v) 31.00 cm

6. If area of an equilateral triangle is 156.32 sq.cm, the perimeter of the equilateral triangle =



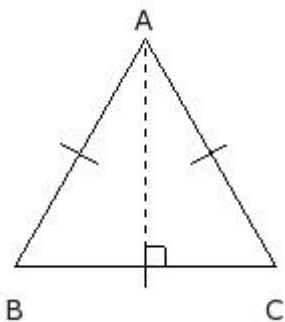
- (i) 54.00 cm (ii) 60.00 cm (iii) 62.00 cm (iv) 52.00 cm (v) 57.00 cm

7. If perimeter of an equilateral triangle 54 cm, the area of the equilateral triangle =



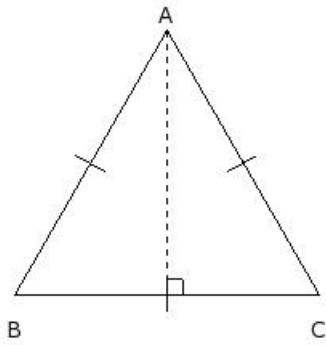
- (i) 152.30 sq.cm (ii) 146.30 sq.cm (iii) 118.30 sq.cm (iv) 124.30 sq.cm (v) 140.30 sq.cm

8. If height of an equilateral triangle is 11.26 cm, the perimeter of the equilateral triangle =



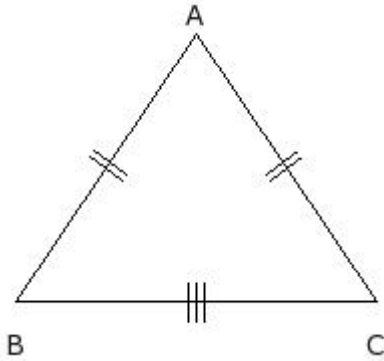
- (i) 34.00 cm (ii) 39.00 cm (iii) 36.00 cm (iv) 42.00 cm (v) 44.00 cm

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



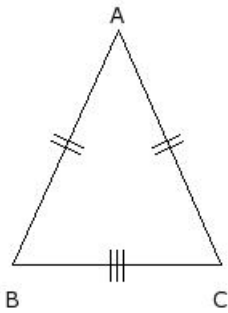
- (i) 152.32 sq.cm (ii) 156.32 sq.cm (iii) 134.32 sq.cm (iv) 173.32 sq.cm (v) 181.32 sq.cm

10. In an isosceles triangle $\triangle ABC$, if $BC = 18$ cm, $AB = CA = 16$ cm, then perimeter of the triangle =



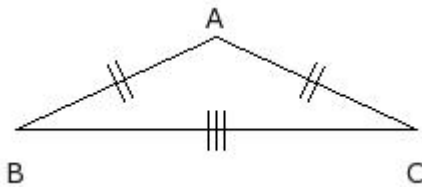
- (i) 50.00 cm (ii) 55.00 cm (iii) 53.00 cm (iv) 45.00 cm (v) 47.00 cm

11. In an isosceles triangle $\triangle ABC$, if $BC = 13$ cm, $AB = CA = 16$ cm, then area of the triangle =



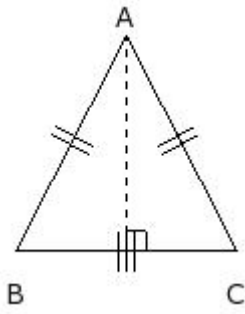
- (i) 98.03 sq.cm (ii) 90.03 sq.cm (iii) 100.03 sq.cm (iv) 92.03 sq.cm (v) 95.03 sq.cm

12. In an isosceles triangle $\triangle ABC$, if $BC = 20$ cm, $CA = AB$ and perimeter is 42 cm, then area of the triangle =



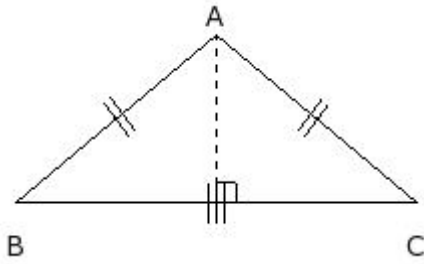
- (i) 50.83 sq.cm (ii) 40.83 sq.cm (iii) 42.83 sq.cm (iv) 48.83 sq.cm (v) 45.83 sq.cm

13. In an isosceles triangle $\triangle ABC$, if base $BC = 11$ cm and the corresponding height is 10.67 cm, then perimeter of the triangle =



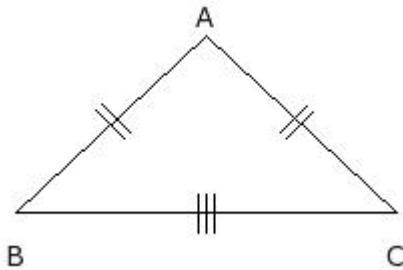
- (i) 30.00 cm (ii) 38.00 cm (iii) 32.00 cm (iv) 35.00 cm (v) 40.00 cm

14. In an isosceles triangle $\triangle ABC$, if base $BC = 20$ cm and the corresponding height is 8.31 cm, then area of the triangle =



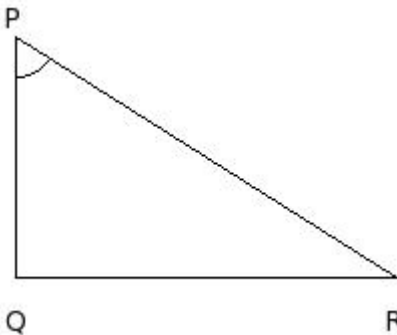
- (i) 83.07 sq.cm (ii) 78.07 sq.cm (iii) 86.07 sq.cm (iv) 88.07 sq.cm (v) 80.07 sq.cm

15. In an isosceles triangle $\triangle ABC$, if base $BC = 19$ cm and area is 84.3 sq.cm, then perimeter of the triangle =



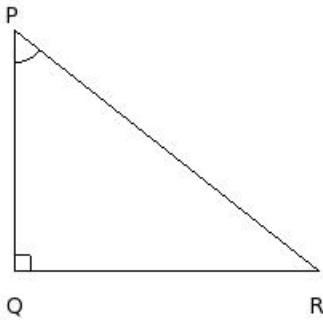
- (i) 48.00 cm (ii) 42.00 cm (iii) 50.00 cm (iv) 45.00 cm (v) 40.00 cm

16. In a right angled triangle $\triangle PQR$, if $QR = 19$ cm, $PQ = 12$ cm are the lengths of perpendicular sides, then area of the triangle =



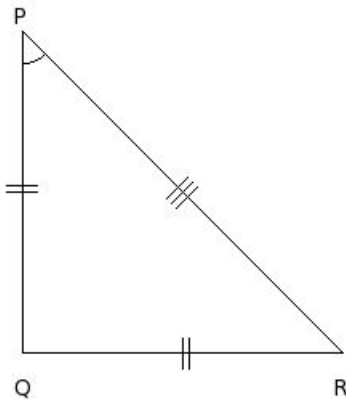
- (i) 131.00 sq.cm (ii) 106.00 sq.cm (iii) 129.00 sq.cm (iv) 114.00 sq.cm (v) 102.00 sq.cm

17. In a right angled triangle $\triangle PQR$, if the base $QR = 19$ cm and the corresponding height is 15 cm, then area of the triangle =



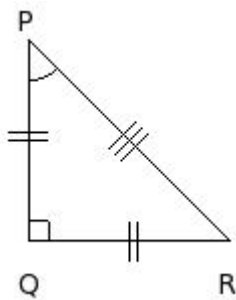
- (i) 158.50 sq.cm (ii) 124.50 sq.cm (iii) 142.50 sq.cm (iv) 169.50 sq.cm (v) 126.50 sq.cm

18. In an isosceles right angled triangle $\triangle PQR$, if $QR = 20$ cm is one of the equal sides, then perimeter of the triangle =



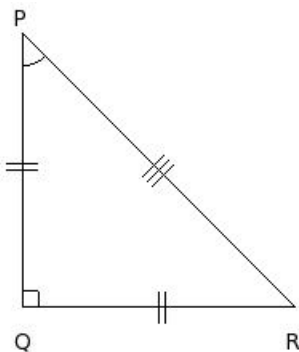
- (i) 73.28 cm (ii) 65.28 cm (iii) 68.28 cm (iv) 71.28 cm (v) 63.28 cm

19. In an isosceles right angled triangle $\triangle PQR$, if corresponding height to the base QR is 10 cm, then perimeter of the triangle =



- (i) 37.14 cm (ii) 34.14 cm (iii) 39.14 cm (iv) 31.14 cm (v) 29.14 cm

20. In an isosceles right angled triangle $\triangle PQR$, if corresponding height to the base QR is 17 cm, then area of the triangle =



- (i) 170.50 sq.cm (ii) 127.50 sq.cm (iii) 158.50 sq.cm (iv) 129.50 sq.cm (v) 144.50 sq.cm

Assignment Key

- 1) (iv)
- 2) (iv)
- 3) (ii)
- 4) (i)
- 5) (i)
- 6) (v)
- 7) (v)
- 8) (ii)
- 9) (ii)
- 10) (i)
- 11) (v)
- 12) (v)
- 13) (iv)
- 14) (i)
- 15) (iv)
- 16) (iv)
- 17) (iii)
- 18) (iii)
- 19) (ii)
- 20) (v)