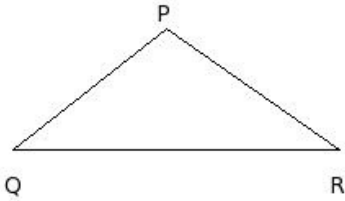


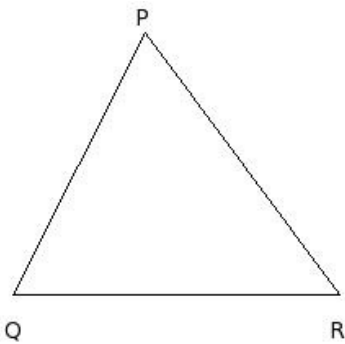


1. In  $\triangle PQR$ , if  $QR = 20$  cm,  $RP = 13$  cm,  $PQ = 12$  cm, then perimeter of the triangle =



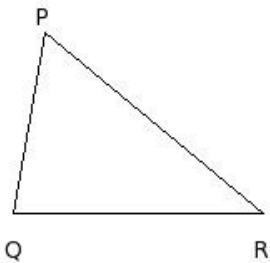
- (i) 48.00 cm (ii) 40.00 cm (iii) 45.00 cm (iv) 42.00 cm (v) 50.00 cm

2. In  $\triangle PQR$ , if  $QR = 20$  cm,  $RP = 20$  cm,  $PQ = 18$  cm, then area of the triangle =



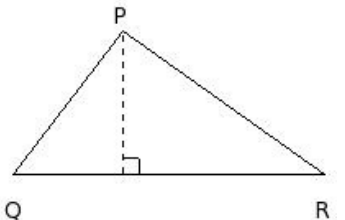
- (i) 160.75 sq.cm (ii) 187.75 sq.cm (iii) 154.75 sq.cm (iv) 134.75 sq.cm (v) 162.75 sq.cm

3. In  $\triangle PQR$ , if  $QR = 15$  cm,  $RP = 17$  cm and perimeter = 43 cm, then area of the triangle =



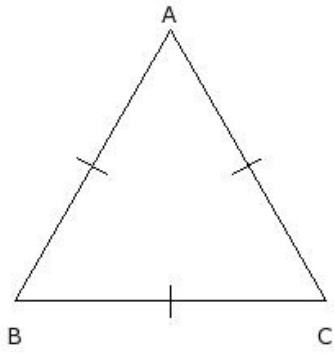
- (i) 84.26 sq.cm (ii) 76.26 sq.cm (iii) 81.26 sq.cm (iv) 78.26 sq.cm (v) 86.26 sq.cm

4. In  $\triangle PQR$ , if base  $QR = 19$  cm and the corresponding height of side  $QR = 8.68$  cm, then area of the triangle =



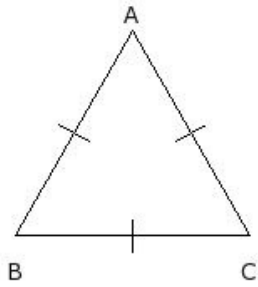
- (i) 77.41 sq.cm (ii) 85.41 sq.cm (iii) 87.41 sq.cm (iv) 82.41 sq.cm (v) 79.41 sq.cm

5. If the side of an equilateral triangle is 19 cm, the perimeter of the equilateral triangle =



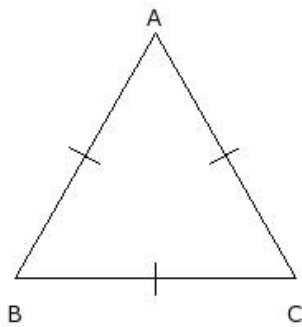
- (i) 62.00 cm (ii) 60.00 cm (iii) 57.00 cm (iv) 52.00 cm (v) 54.00 cm

6. If area of an equilateral triangle is 84.87 sq.cm, the perimeter of the equilateral triangle =



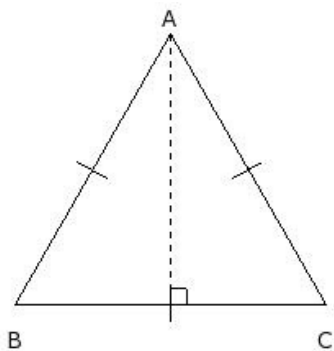
- (i) 45.00 cm (ii) 39.00 cm (iii) 47.00 cm (iv) 42.00 cm (v) 37.00 cm

7. If perimeter of an equilateral triangle 51 cm, the area of the equilateral triangle =



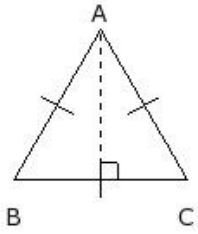
- (i) 125.14 sq.cm (ii) 120.14 sq.cm (iii) 138.14 sq.cm (iv) 151.14 sq.cm (v) 97.14 sq.cm

8. If height of an equilateral triangle is 16.45 cm, the perimeter of the equilateral triangle =



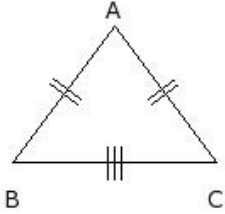
- (i) 54.00 cm (ii) 52.00 cm (iii) 57.00 cm (iv) 62.00 cm (v) 60.00 cm

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



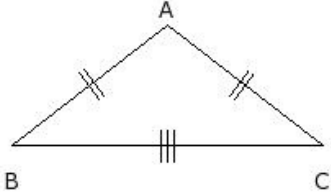
- (i) 38.30 sq.cm (ii) 48.30 sq.cm (iii) 40.30 sq.cm (iv) 43.30 sq.cm (v) 46.30 sq.cm

10. In an isosceles triangle  $\triangle ABC$ , if  $BC = 12$  cm,  $AB = CA = 10$  cm, then perimeter of the triangle =



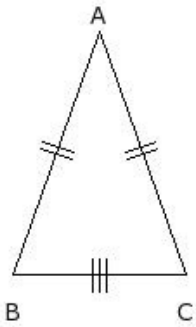
- (i) 35.00 cm (ii) 32.00 cm (iii) 29.00 cm (iv) 37.00 cm (v) 27.00 cm

11. In an isosceles triangle  $\triangle ABC$ , if  $BC = 19$  cm,  $AB = CA = 12$  cm, then area of the triangle =



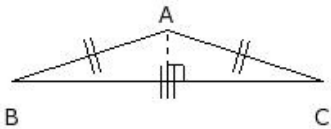
- (i) 72.65 sq.cm (ii) 64.65 sq.cm (iii) 69.65 sq.cm (iv) 74.65 sq.cm (v) 66.65 sq.cm

12. In an isosceles triangle  $\triangle ABC$ , if  $BC = 10$  cm,  $CA = AB$  and perimeter is 40 cm, then area of the triangle =



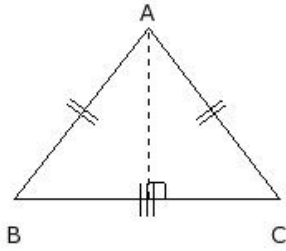
- (i) 70.71 sq.cm (ii) 75.71 sq.cm (iii) 65.71 sq.cm (iv) 67.71 sq.cm (v) 73.71 sq.cm

13. In an isosceles triangle  $\triangle ABC$ , if base  $BC = 19$  cm and the corresponding height is 3.12 cm, then perimeter of the triangle =



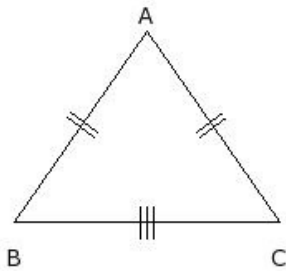
- (i) 36.00 cm (ii) 39.00 cm (iii) 42.00 cm (iv) 34.00 cm (v) 44.00 cm

14. In an isosceles triangle  $\triangle ABC$ , if base  $BC = 16$  cm and the corresponding height is 10.25 cm, then area of the triangle =



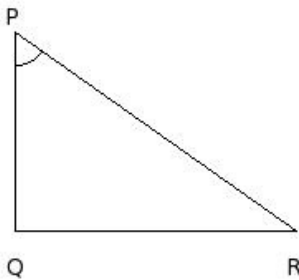
- (i) 76.98 sq.cm (ii) 78.98 sq.cm (iii) 86.98 sq.cm (iv) 81.98 sq.cm (v) 84.98 sq.cm

15. In an isosceles triangle  $\triangle ABC$ , if base  $BC = 16$  cm and area is 91.91 sq.cm, then perimeter of the triangle =



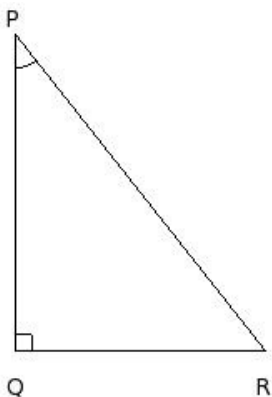
- (i) 39.00 cm (ii) 41.00 cm (iii) 47.00 cm (iv) 49.00 cm (v) 44.00 cm

16. In a right angled triangle  $\triangle PQR$ , if  $QR = 17$  cm,  $PQ = 12$  cm are the lengths of perpendicular sides, then area of the triangle =



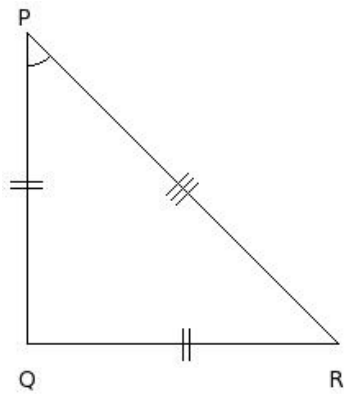
- (i) 75.00 sq.cm (ii) 102.00 sq.cm (iii) 120.00 sq.cm (iv) 125.00 sq.cm (v) 86.00 sq.cm

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



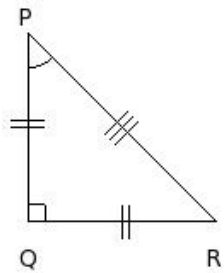
- (i) 155.50 sq.cm (ii) 129.50 sq.cm (iii) 142.50 sq.cm (iv) 158.50 sq.cm (v) 120.50 sq.cm

18. In an isosceles right angled triangle  $\triangle PQR$ , if  $QR = 19$  cm is one of the equal sides, then perimeter of the triangle =



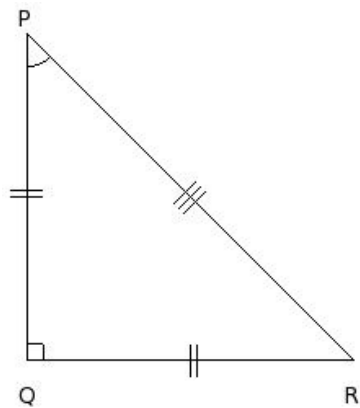
- (i) 67.87 cm (ii) 59.87 cm (iii) 64.87 cm (iv) 61.87 cm (v) 69.87 cm

19. In an isosceles right angled triangle  $\triangle PQR$ , if corresponding height to the base QR is 11 cm, then perimeter of the triangle =



- (i) 34.56 cm (ii) 40.56 cm (iii) 32.56 cm (iv) 37.56 cm (v) 42.56 cm

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



- (i) 200.00 sq.cm (ii) 194.00 sq.cm (iii) 186.00 sq.cm (iv) 208.00 sq.cm (v) 227.00 sq.cm

## Assignment Key

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