EduSahara™ Assignment

Name : Areas

Chapter : Areas

Grade : SSC Grade IX

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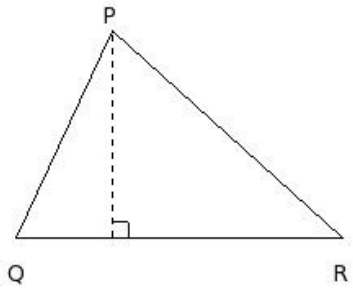
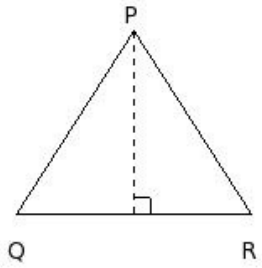
1. In △PQR, if QR = 20 cm, RP = 19 cm and the corresponding height of side QR = 12.71 cm, then area of the triangle =



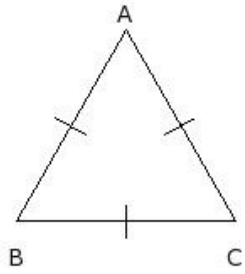
(i) 119.08 sq.cm (ii) 142.08 sq.cm (iii) 150.08 sq.cm (iv) 101.08 sq.cm (v) 127.08 sq.cm

2. In △PQR, if base QR = 14 cm and the corresponding height of side QR = 10.95 cm, then area of the triangle =



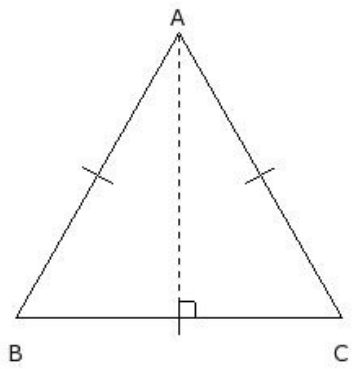
(i) 71.68 sq.cm (ii) 76.68 sq.cm (iii) 81.68 sq.cm (iv) 79.68 sq.cm (v) 73.68 sq.cm

3. If perimeter of an equilateral triangle 39 cm, the area of the equilateral triangle =



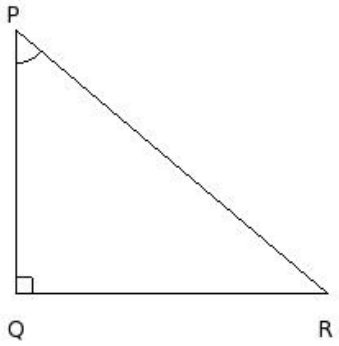
(i) 73.18 sq.cm (ii) 68.18 sq.cm (iii) 78.18 sq.cm (iv) 76.18 sq.cm (v) 70.18 sq.cm

4. If height of an equilateral triangle is 17.32 cm, the area of the equilateral triangle =



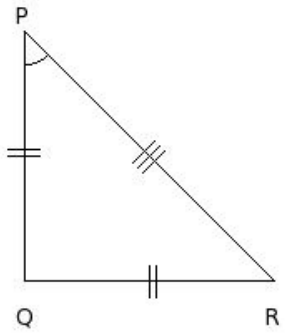
(i) 180.21 sq.cm (ii) 185.21 sq.cm (iii) 173.21 sq.cm (iv) 157.21 sq.cm (v) 148.21 sq.cm

5. In a right angled triangle △PQR, if the base QR = 19 cm and the corresponding height is 16 cm, then area of the triangle =



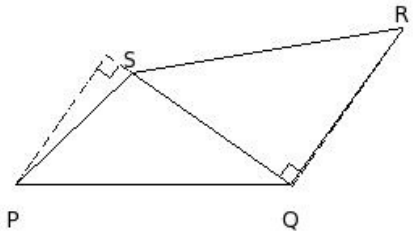
(i) 152.00 sq.cm (ii) 139.00 sq.cm (iii) 157.00 sq.cm (iv) 134.00 sq.cm (v) 176.00 sq.cm

6. In an isosceles right angled triangle △PQR, if QR = 15 cm is one of the equal sides, then area of the triangle =



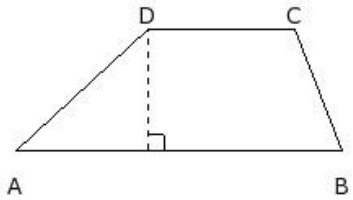
(i) 112.50 sq.cm (ii) 98.50 sq.cm (iii) 110.50 sq.cm (iv) 130.50 sq.cm (v) 117.50 sq.cm

7. In quadrilateral PQRS, if diagonal QS = 12.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 9.82 cm and 12.00 cm respectively, then area of the quadrilateral =



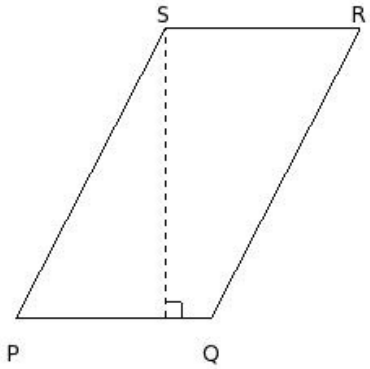
(i) 144.92 sq.cm (ii) 125.92 sq.cm (iii) 142.92 sq.cm (iv) 130.92 sq.cm (v) 113.92 sq.cm

8. In trapezium ABCD, if distance between the parallel sides is 7.42 cm and lengths of the parallel sides AB = 20.00 cm and CD = 9.00 cm, then area of the trapezium =



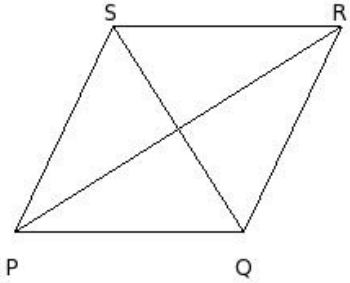
(i) 129.59 sq.cm (ii) 114.59 sq.cm (iii) 107.59 sq.cm (iv) 79.59 sq.cm (v) 92.59 sq.cm

9. In parallelogram PQRS, if base PQ = 12.00 cm and the corresponding height is 17.78 cm, then area of the parallelogram =



(i) 198.36 sq.cm (ii) 213.36 sq.cm (iii) 200.36 sq.cm (iv) 231.36 sq.cm (v) 226.36 sq.cm

10. In rhombus PQRS, if diagonals QS = 15.00 cm and PR = 23.64 cm, the area of the rhombus =



(i) 162.30 sq.cm (ii) 177.30 sq.cm (iii) 205.30 sq.cm (iv) 151.30 sq.cm (v) 194.30 sq.cm

Assignment Key

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