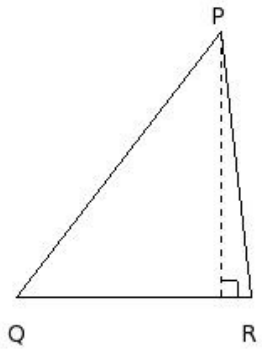
EduSahara™ Assignment

Name : Areas

Chapter : Areas

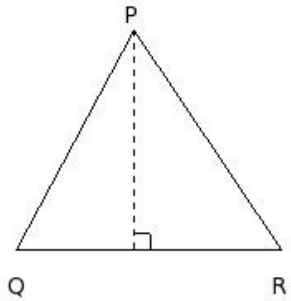
Grade : SSC Grade IX

1. In △PQR, if QR = 14 cm, RP = 16 cm and the corresponding height of side QR = 15.89 cm, then area of the triangle =



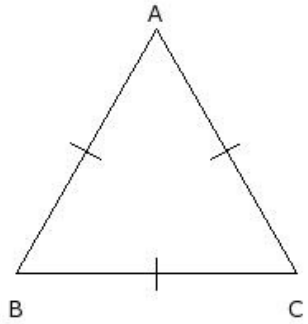
(i) 111.24 sq.cm (ii) 139.24 sq.cm (iii) 124.24 sq.cm (iv) 96.24 sq.cm (v) 105.24 sq.cm

2. In △PQR, if base QR = 16 cm and the corresponding height of side QR = 13.25 cm, then area of the triangle =



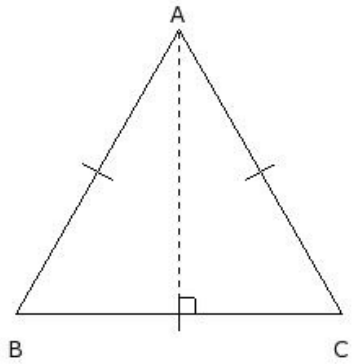
(i) 90.00 sq.cm (ii) 93.00 sq.cm (iii) 106.00 sq.cm (iv) 124.00 sq.cm

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



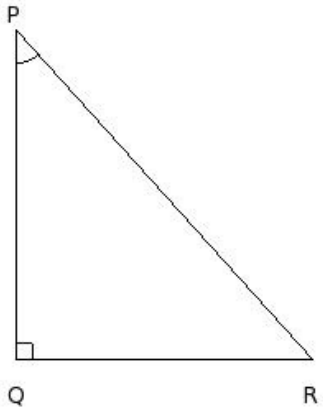
(i) 142.14 sq.cm (ii) 125.14 sq.cm (iii) 109.14 sq.cm (iv) 137.14 sq.cm

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



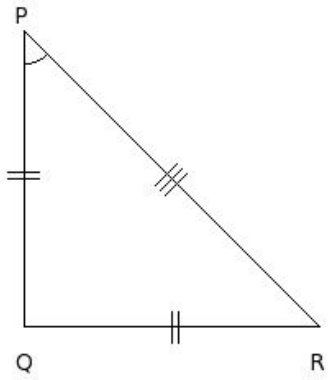
(i) 161.21 sq.cm (ii) 160.21 sq.cm (iii) 173.21 sq.cm (iv) 188.21 sq.cm (v) 175.21 sq.cm

5. In a right angled triangle △PQR, if the base QR = 18 cm and the corresponding height is 20 cm, then area of the triangle =



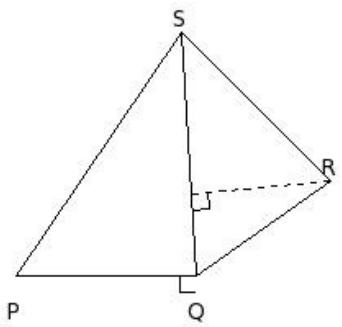
(i) 180.00 sq.cm (ii) 203.00 sq.cm (iii) 168.00 sq.cm (iv) 177.00 sq.cm (v) 196.00 sq.cm

6. In an isosceles right angled triangle △PQR, if QR = 18 cm is one of the equal sides, then area of the triangle =



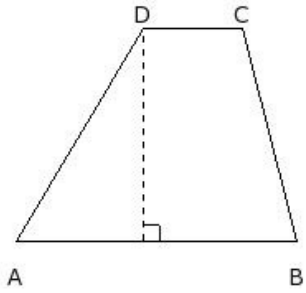
(i) 145.00 sq.cm (ii) 165.00 sq.cm (iii) 150.00 sq.cm (iv) 177.00 sq.cm (v) 162.00 sq.cm

7. In quadrilateral PQRS, if diagonal QS = 15.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 10.98 cm and 8.54 cm respectively, then area of the quadrilateral =



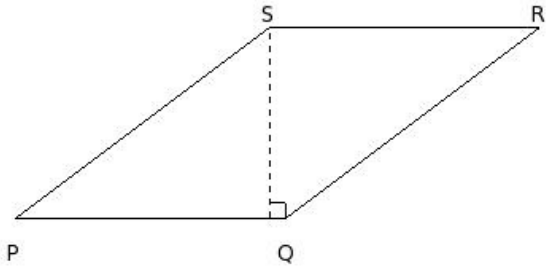
(i) 146.40 sq.cm (ii) 169.40 sq.cm (iii) 154.40 sq.cm (iv) 143.40 sq.cm (v) 118.40 sq.cm

8. In trapezium ABCD, if distance between the parallel sides is 12.94 cm and lengths of the parallel sides AB = 17.00 cm and CD = 6.00 cm, then area of the trapezium =



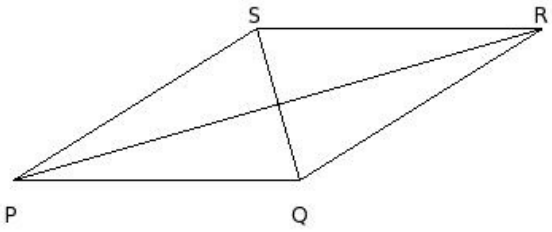
(i) 145.81 sq.cm (ii) 148.81 sq.cm (iii) 123.81 sq.cm (iv) 164.81 sq.cm

9. In parallelogram PQRS, if base PQ = 17.00 cm and the corresponding height is 11.96 cm, then area of the parallelogram =



(i) 199.32 sq.cm (ii) 203.32 sq.cm (iii) 187.32 sq.cm (iv) 208.32 sq.cm (v) 225.32 sq.cm

10. In rhombus PQRS, if diagonals QS = 10.00 cm and PR = 34.58 cm, the area of the rhombus =



(i) 165.90 sq.cm (ii) 144.90 sq.cm (iii) 186.90 sq.cm (iv) 172.90 sq.cm (v) 184.90 sq.cm

Assignment Key

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