

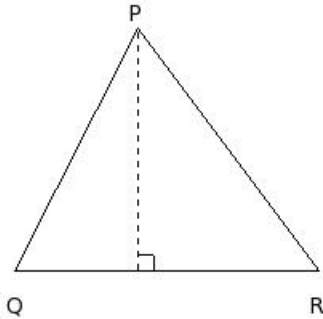
EduSahara™ Learning Center Assignment

Grade : Class IX, SSC

Chapter : Areas

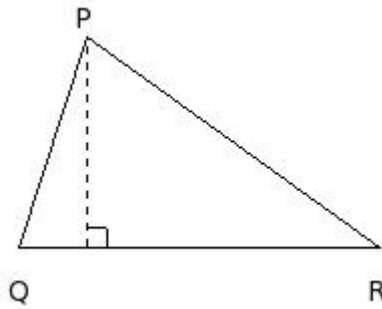
Name : Areas

1. In $\triangle PQR$, if $QR = 19$ cm, $RP = 19$ cm and the corresponding height of side $QR = 15.2$ cm, then area of the triangle =



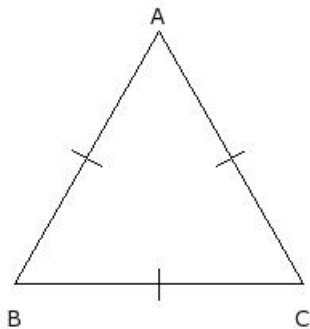
- (i) 121.44 sq.cm (ii) 144.44 sq.cm (iii) 146.44 sq.cm (iv) 162.44 sq.cm (v) 129.44 sq.cm

2. In $\triangle PQR$, if base $QR = 18$ cm and the corresponding height of side $QR = 10.47$ cm, then area of the triangle =



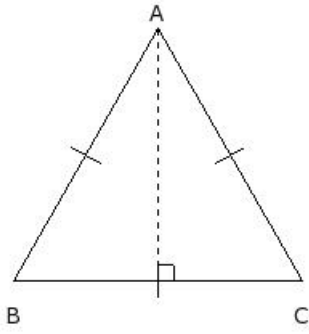
- (i) 97.27 sq.cm (ii) 91.27 sq.cm (iii) 89.27 sq.cm (iv) 99.27 sq.cm (v) 94.27 sq.cm

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



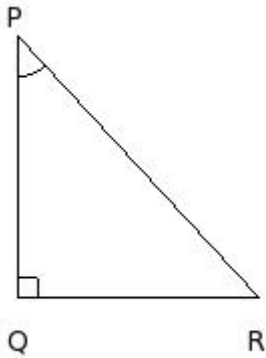
- (i) 140.30 sq.cm (ii) 133.30 sq.cm (iii) 158.30 sq.cm (iv) 127.30 sq.cm (v) 164.30 sq.cm

4. If height of an equilateral triangle is 15.59 cm, the area of the equilateral triangle =



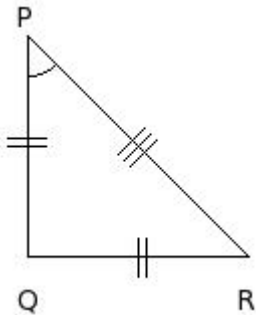
- (i) 127.30 sq.cm (ii) 158.30 sq.cm (iii) 140.30 sq.cm (iv) 165.30 sq.cm (v) 126.30 sq.cm

5. In a right angled triangle $\triangle PQR$, if the base $QR = 12$ cm and the corresponding height is 13 cm, then area of the triangle =



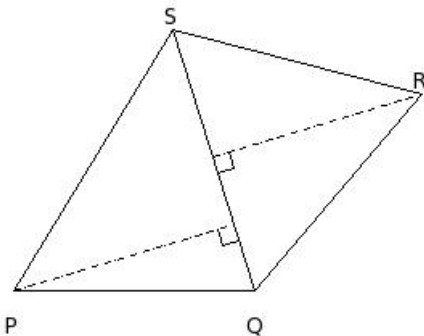
- (i) 81.00 sq.cm (ii) 78.00 sq.cm (iii) 75.00 sq.cm (iv) 83.00 sq.cm (v) 73.00 sq.cm

6. In an isosceles right angled triangle $\triangle PQR$, if $QR = 11$ cm is one of the equal sides, then area of the triangle =



- (i) 55.50 sq.cm (ii) 60.50 sq.cm (iii) 65.50 sq.cm (iv) 63.50 sq.cm (v) 57.50 sq.cm

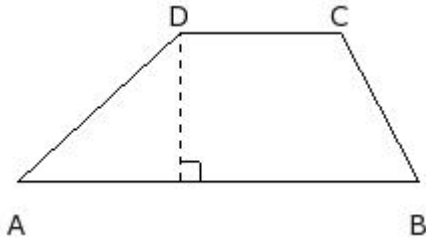
7. In quadrilateral PQRS, if diagonal $QS = 17.00$ cm, perpendiculars from the vertices P and R to the diagonal QS are 14.31 cm and 13.56 cm respectively, then area of the quadrilateral =



- (i) 252.90 sq.cm (ii) 236.90 sq.cm (iii) 238.90 sq.cm (iv) 219.90 sq.cm

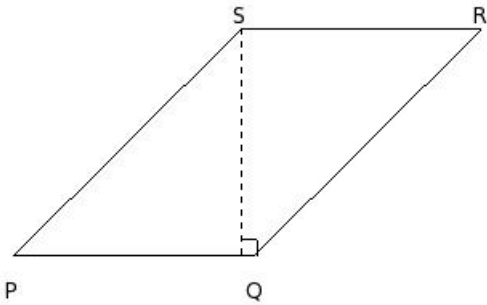
8. In trapezium ABCD, if distance between the parallel sides is 7.42 cm and lengths of the parallel sides $AB = 20.00$

cm and $CD = 8.00$ cm, then area of the trapezium =



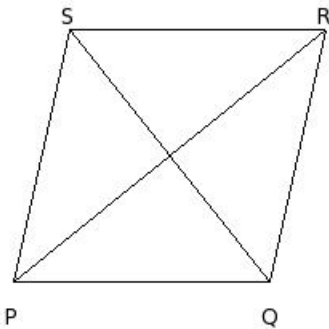
- (i) 103.88 sq.cm (ii) 100.88 sq.cm (iii) 117.88 sq.cm (iv) 105.88 sq.cm (v) 86.88 sq.cm

9. In parallelogram PQRS, if base PQ = 15.00 cm and the corresponding height is 13.98 cm, then area of the parallelogram =



- (i) 209.70 sq.cm (ii) 225.70 sq.cm (iii) 197.70 sq.cm (iv) 234.70 sq.cm (v) 181.70 sq.cm

10. In rhombus PQRS, if diagonals $QS = 20.00$ cm and $PR = 24.98$ cm, the area of the rhombus =



- (i) 233.80 sq.cm (ii) 221.80 sq.cm (iii) 249.80 sq.cm (iv) 273.80 sq.cm (v) 252.80 sq.cm

Assignment Key

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