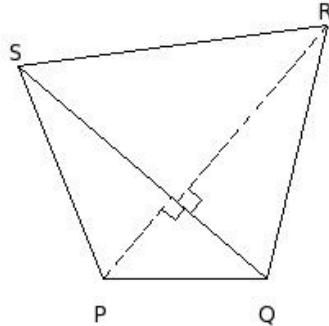


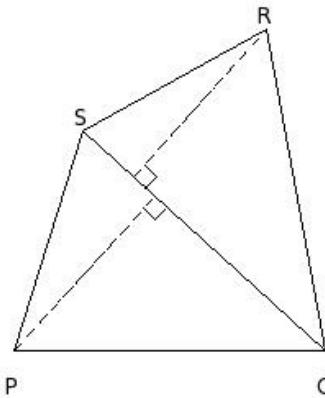


1. In quadrilateral PQRS, if diagonal $QS = 20.00$ cm, perpendiculars from the vertices P and R to the diagonal QS are 6.50 cm and 14.20 cm respectively, then height of the vertex R to the diagonal QS is



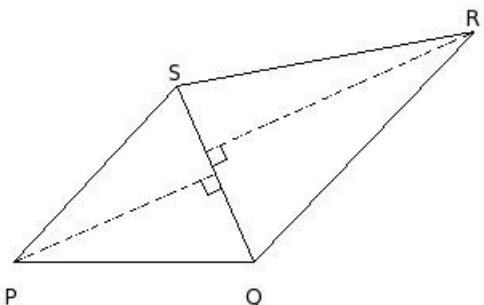
(i) 14.20 cm (ii) 11.20 cm (iii) 17.20 cm (iv) 19.20 cm (v) 9.20 cm

2. In quadrilateral PQRS, if diagonal $QS = 20.00$ cm, perpendiculars from the vertices P and R to the diagonal QS are 12.71 cm and 12.29 cm respectively, then area of the quadrilateral =



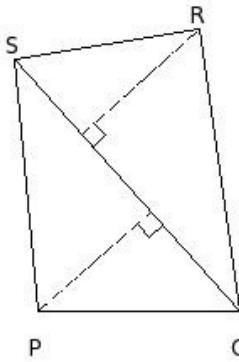
(i) 236.00 sq.cm (ii) 272.00 sq.cm (iii) 250.00 sq.cm (iv) 263.00 sq.cm (v) 223.00 sq.cm

3. In quadrilateral PQRS, if diagonal $QS = 12.00$ cm, height of vertex P to the diagonal QS is 13.75 cm and area is 193.44 sq.cm, then height of the vertex R to the diagonal QS is



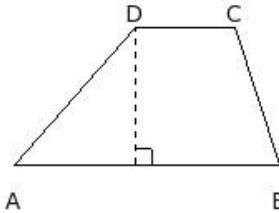
(i) 13.49 cm (ii) 15.49 cm (iii) 23.49 cm (iv) 21.49 cm (v) 18.49 cm

4. In quadrilateral PQRS, if area is 183.20 sq.cm, height of vertex P to the diagonal QS is 8.97 cm, and height of vertex R to the diagonal QS is 9.35 cm, then diagonal QS =



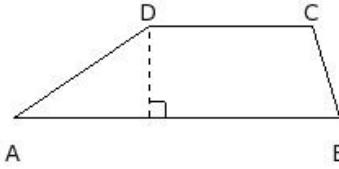
(i) 25.00 cm (ii) 20.00 cm (iii) 17.00 cm (iv) 23.00 cm (v) 15.00 cm

5. In trapezium ABCD, if distance between the parallel sides is 8.25 cm and lengths of the parallel sides AB = 16.00 cm and CD = 6.00 cm, then area of the trapezium =



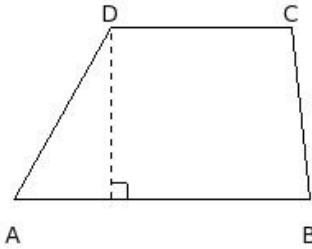
(i) 93.75 sq.cm (ii) 90.75 sq.cm (iii) 85.75 sq.cm (iv) 95.75 sq.cm (v) 87.75 sq.cm

6. In trapezium ABCD, if area is 84.15 sq.cm and lengths of the parallel sides are AB = 20.00 cm and CD = 10.00 cm, then distance between the parallel sides AB and CD =



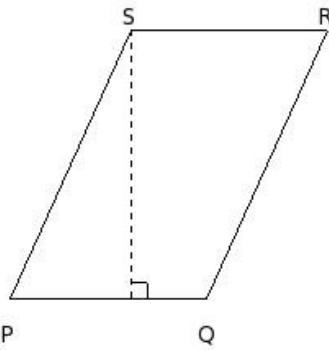
(i) 5.61 cm (ii) 7.61 cm (iii) 3.61 cm (iv) 6.61 cm (v) 4.61 cm

7. In trapezium ABCD, if one of the parallel sides AB = 18.00 cm and distance between parallel sides AB and CD is 10.46 cm and area is 151.67 sq.cm, then parallel side CD =



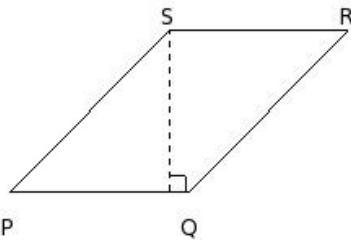
(i) 14.00 cm (ii) 16.00 cm (iii) 11.00 cm (iv) 6.00 cm (v) 8.00 cm

8. In parallelogram PQRS, if base PQ = 12.00 cm and the corresponding height is 16.38 cm, then area of the parallelogram =



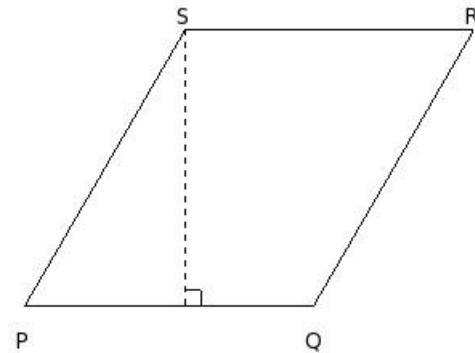
(i) 183.56 sq.cm (ii) 196.56 sq.cm (iii) 181.56 sq.cm (iv) 214.56 sq.cm (v) 222.56 sq.cm

9. In parallelogram PQRS, if base PQ = 11.00 cm and area is 109.34 sq.cm, the corresponding height to the base PQ is



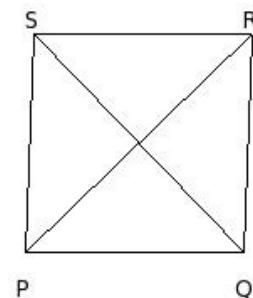
(i) 11.94 cm (ii) 8.94 cm (iii) 9.94 cm (iv) 7.94 cm (v) 10.94 cm

10. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 17.27 cm and area is 310.86 sq.cm, the base of the parallelogram PQ =



(i) 21.00 cm (ii) 13.00 cm (iii) 18.00 cm (iv) 15.00 cm (v) 23.00 cm

11. In rhombus PQRS, if diagonals QS = 18.00 cm and PR = 18.76 cm, the area of the rhombus =



(i) 168.84 sq.cm (ii) 153.84 sq.cm (iii) 162.84 sq.cm (iv) 171.84 sq.cm (v) 185.84 sq.cm

Assignment Key

1) (i)

2) (iii)

3) (v)

4) (ii)

5) (ii)

6) (i)

7) (iii)

8) (ii)

9) (iii)

10) (iii)

11) (i)