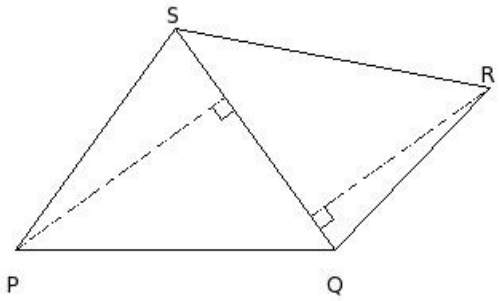
EduSahara™ Assignment

Name : Perimeter and Area of Quadrilaterals

Chapter : Mensuration

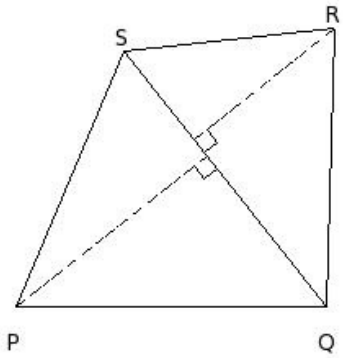
Grade : CBSE Grade VIII

1. In quadrilateral PQRS, if diagonal QS = 17.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 16.17 cm and 13.77 cm respectively, then height of the vertex R to the diagonal QS is



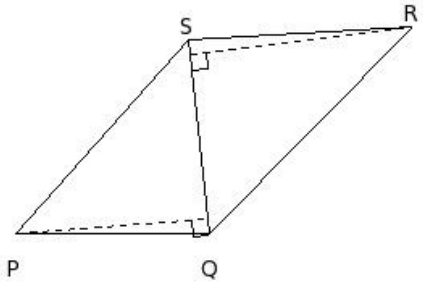
(i) 18.77 cm (ii) 13.77 cm (iii) 10.77 cm (iv) 8.77 cm (v) 16.77 cm

2. In quadrilateral PQRS, if diagonal QS = 20.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 14.89 cm and 10.95 cm respectively, then area of the quadrilateral =



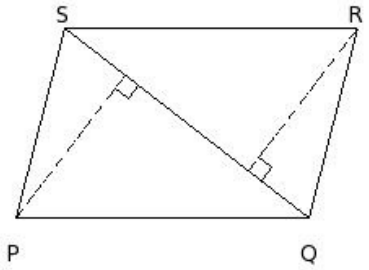
(i) 243.40 sq.cm (ii) 270.40 sq.cm (iii) 241.40 sq.cm (iv) 272.40 sq.cm (v) 258.40 sq.cm

3. In quadrilateral PQRS, if diagonal QS = 12.00 cm, height of vertex P to the diagonal QS is 11.93 cm and area is 155.46 sq.cm, then height of the vertex R to the diagonal QS is



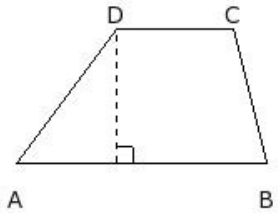
(i) 8.98 cm (ii) 18.98 cm (iii) 16.98 cm (iv) 10.98 cm (v) 13.98 cm

4. In quadrilateral PQRS, if area is 209.19 sq.cm, height of vertex P to the diagonal QS is 11.01 cm, and height of vertex R to the diagonal QS is 11.01 cm, then diagonal QS =



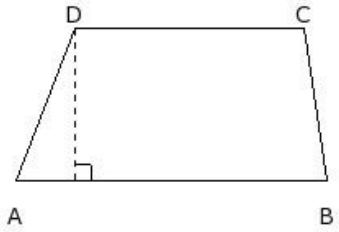
(i) 22.00 cm (ii) 14.00 cm (iii) 24.00 cm (iv) 19.00 cm (v) 16.00 cm

5. In trapezium ABCD, if distance between the parallel sides is 7.97 cm and lengths of the parallel sides AB = 15.00 cm and CD = 7.00 cm, then area of the trapezium =



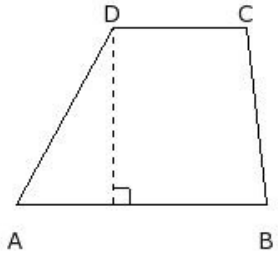
(i) 84.67 sq.cm (ii) 82.67 sq.cm (iii) 90.67 sq.cm (iv) 87.67 sq.cm (v) 92.67 sq.cm

6. In trapezium ABCD, if area is 153.94 sq.cm and lengths of the parallel sides are AB = 19.00 cm and CD = 14.00 cm, then distance between the parallel sides AB and CD =



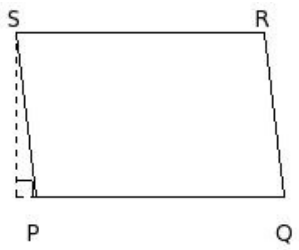
(i) 11.33 cm (ii) 7.33 cm (iii) 9.33 cm (iv) 10.33 cm (v) 8.33 cm

7. In trapezium ABCD, if one of the parallel sides AB = 15.00 cm and distance between parallel sides AB and CD is 10.52 cm and area is 120.98 sq.cm, then parallel side CD =



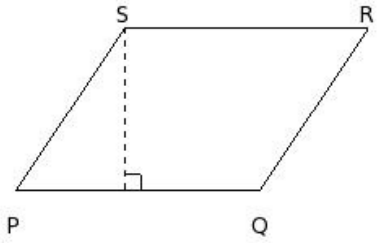
(i) 9.00 cm (ii) 10.00 cm (iii) 8.00 cm (iv) 6.00 cm (v) 7.00 cm

8. In parallelogram PQRS, if base PQ = 15.00 cm and the corresponding height is 9.93 cm, then area of the parallelogram =



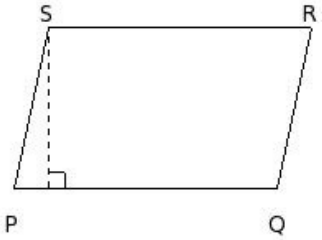
(i) 175.95 sq.cm (ii) 148.95 sq.cm (iii) 130.95 sq.cm (iv) 146.95 sq.cm (v) 152.95 sq.cm

9. In parallelogram PQRS, if base PQ = 15.00 cm and area is 149.70 sq.cm, the corresponding height to the base PQ is



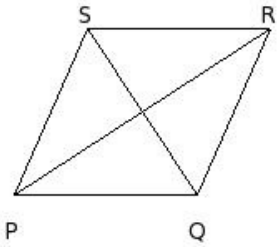
(i) 8.98 cm (ii) 7.98 cm (iii) 11.98 cm (iv) 10.98 cm (v) 9.98 cm

10. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 9.78 cm and area is 156.48 sq.cm, the base of the parallelogram PQ =



(i) 13.00 cm (ii) 21.00 cm (iii) 16.00 cm (iv) 19.00 cm (v) 11.00 cm

11. In rhombus PQRS, if diagonals QS = 12.00 cm and PR = 18.44 cm, the area of the rhombus =



(i) 104.64 sq.cm (ii) 138.64 sq.cm (iii) 96.64 sq.cm (iv) 110.64 sq.cm (v) 123.64 sq.cm

Assignment Key

1) (ii)	2) (v)	3) (v)	4) (iv)	5) (iv)	6) (iii)
7) (iii)	8) (ii)	9) (v)	10) (iii)	11) (iv)	