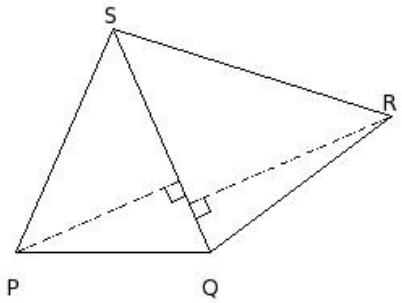
EduSahara™ Assignment

Name : Perimeter and Area of Quadrilaterals

Chapter : Mensuration

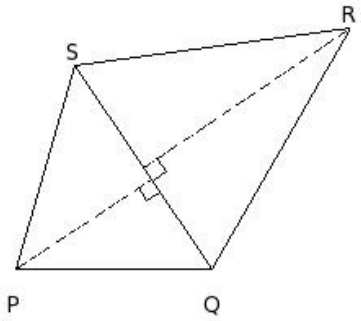
Grade : CBSE Grade VIII

1. In quadrilateral PQRS, if diagonal QS = 15.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 11.00 cm and 13.62 cm respectively, then height of the vertex R to the diagonal QS is



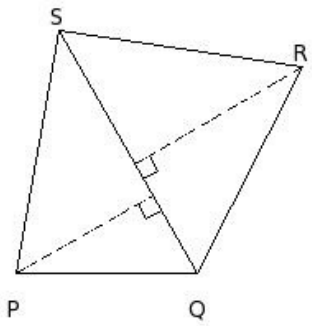
(i) 10.62 cm (ii) 16.62 cm (iii) 8.62 cm (iv) 13.62 cm (v) 18.62 cm

2. In quadrilateral PQRS, if diagonal QS = 15.00 cm, perpendiculars from the vertices P and R to the diagonal QS are 9.98 cm and 15.26 cm respectively, then area of the quadrilateral =



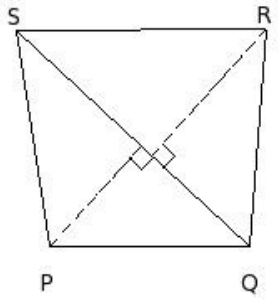
(i) 182.30 sq.cm (ii) 193.30 sq.cm (iii) 205.30 sq.cm (iv) 161.30 sq.cm (v) 189.30 sq.cm

3. In quadrilateral PQRS, if diagonal QS = 17.00 cm, height of vertex P to the diagonal QS is 9.56 cm and area is 180.97 sq.cm, then height of the vertex R to the diagonal QS is



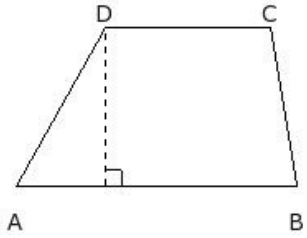
(i) 11.73 cm (ii) 14.73 cm (iii) 6.73 cm (iv) 16.73 cm (v) 8.73 cm

4. In quadrilateral PQRS, if area is 174.23 sq.cm, height of vertex P to the diagonal QS is 8.11 cm, and height of vertex R to the diagonal QS is 10.23 cm, then diagonal QS =



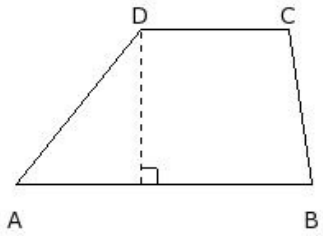
(i) 16.00 cm (ii) 22.00 cm (iii) 24.00 cm (iv) 14.00 cm (v) 19.00 cm

5. In trapezium ABCD, if distance between the parallel sides is 9.56 cm and lengths of the parallel sides AB = 17.00 cm and CD = 10.00 cm, then area of the trapezium =



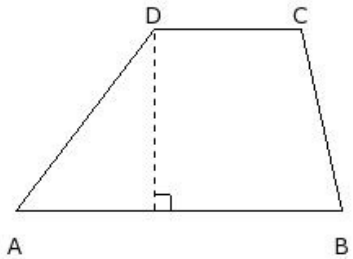
(i) 101.06 sq.cm (ii) 129.06 sq.cm (iii) 142.06 sq.cm (iv) 133.06 sq.cm (v) 123.06 sq.cm

6. In trapezium ABCD, if area is 125.82 sq.cm and lengths of the parallel sides are AB = 18.00 cm and CD = 9.00 cm, then distance between the parallel sides AB and CD =



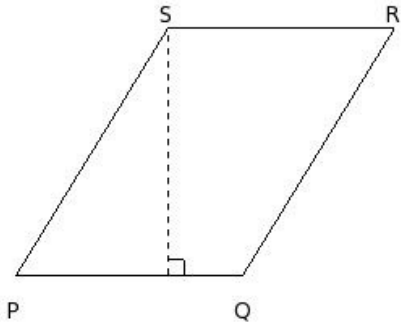
(i) 11.32 cm (ii) 9.32 cm (iii) 8.32 cm (iv) 10.32 cm (v) 7.32 cm

7. In trapezium ABCD, if one of the parallel sides AB = 20.00 cm and distance between parallel sides AB and CD is 11.12 cm and area is 161.24 sq.cm, then parallel side CD =



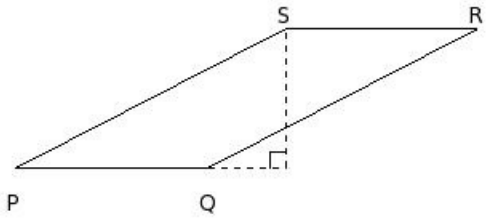
(i) 7.00 cm (ii) 9.00 cm (iii) 11.00 cm (iv) 8.00 cm (v) 10.00 cm

8. In parallelogram PQRS, if base PQ = 14.00 cm and the corresponding height is 15.33 cm, then area of the parallelogram =



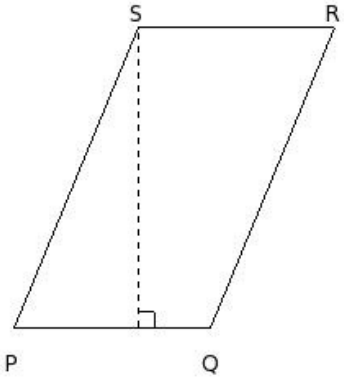
(i) 241.62 sq.cm (ii) 196.62 sq.cm (iii) 201.62 sq.cm (iv) 214.62 sq.cm (v) 220.62 sq.cm

9. In parallelogram PQRS, if base PQ = 12.00 cm and area is 104.76 sq.cm, the corresponding height to the base PQ is



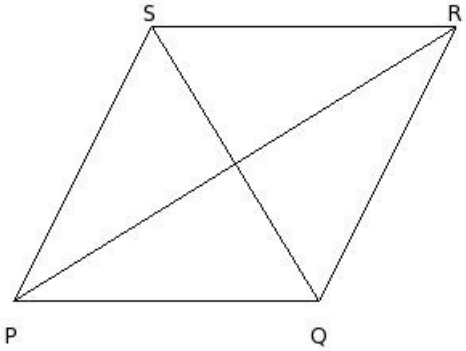
(i) 8.73 cm (ii) 6.73 cm (iii) 7.73 cm (iv) 10.73 cm (v) 9.73 cm

10. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 18.49 cm and area is 221.88 sq.cm, the base of the parallelogram PQ =



(i) 9.00 cm (ii) 7.00 cm (iii) 15.00 cm (iv) 12.00 cm (v) 17.00 cm

11. In rhombus PQRS, if diagonals QS = 20.00 cm and PR = 32.31 cm, the area of the rhombus =



(i) 323.10 sq.cm (ii) 338.10 sq.cm (iii) 301.10 sq.cm (iv) 326.10 sq.cm (v) 319.10 sq.cm

Assignment Key

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