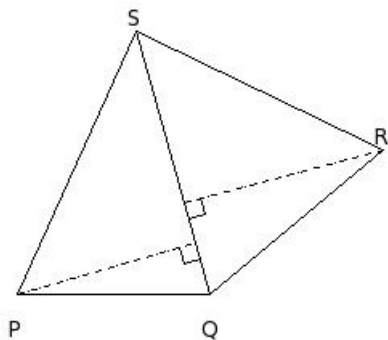


EduSahara™ Learning Center Assignment

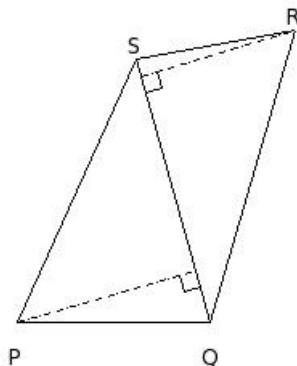
Grade : Class VIII, CBSE
Chapter : Mensuration
Name : Perimeter and Area of Quadrilaterals
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1. In quadrilateral PQRS, if diagonal $QS = 17.00$ cm, perpendiculars from the vertices P and R to the diagonal QS are 11.56 cm and 12.76 cm respectively, then height of the vertex R to the diagonal QS is



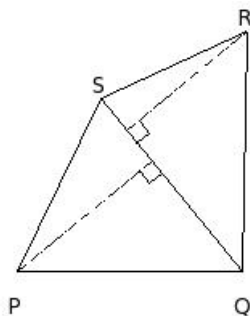
- (i) 12.76 cm (ii) 7.76 cm (iii) 15.76 cm (iv) 9.76 cm (v) 17.76 cm

2. In quadrilateral PQRS, if diagonal $QS = 17.00$ cm, perpendiculars from the vertices P and R to the diagonal QS are 11.56 cm and 9.97 cm respectively, then area of the quadrilateral =



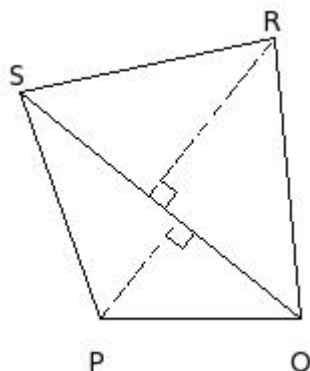
- (i) 183.01 sq.cm (ii) 196.01 sq.cm (iii) 168.01 sq.cm (iv) 171.01 sq.cm (v) 187.01 sq.cm

3. In quadrilateral PQRS, if diagonal $QS = 14.00$ cm, height of vertex P to the diagonal QS is 10.84 cm and area is 143.57 sq.cm, then height of the vertex R to the diagonal QS is



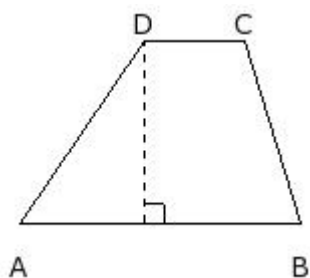
- (i) 8.67 cm (ii) 10.67 cm (iii) 7.67 cm (iv) 9.67 cm (v) 11.67 cm

4. In quadrilateral PQRS, if area is 147.06 sq.cm, height of vertex P to the diagonal QS is 6.29 cm, and height of vertex S to the diagonal QS is 10.05 cm, then diagonal QS =



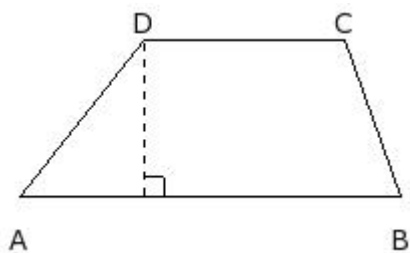
- (i) 21.00 cm (ii) 23.00 cm (iii) 18.00 cm (iv) 15.00 cm (v) 13.00 cm

5. In trapezium ABCD, if distance between the parallel sides is 9.10 cm and lengths of the parallel sides AB = 14.00 cm and CD = 5.00 cm, then area of the trapezium =



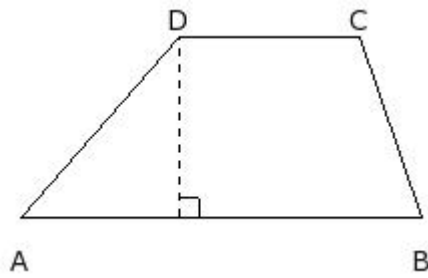
- (i) 83.45 sq.cm (ii) 86.45 sq.cm (iii) 81.45 sq.cm (iv) 89.45 sq.cm (v) 91.45 sq.cm

6. In trapezium ABCD, if area is 113.68 sq.cm and lengths of the parallel sides are AB = 19.00 cm and CD = 10.00 cm, then distance between the parallel sides AB and CD =



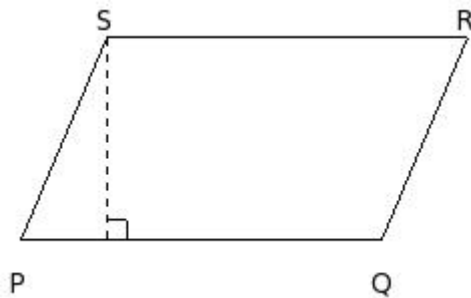
- (i) 8.84 cm (ii) 6.84 cm (iii) 5.84 cm (iv) 9.84 cm (v) 7.84 cm

7. In trapezium ABCD, if one of the parallel sides AB = 20.00 cm and distance between parallel sides AB and CD is 8.97 cm and area is 130.06 sq.cm, then parallel side CD =



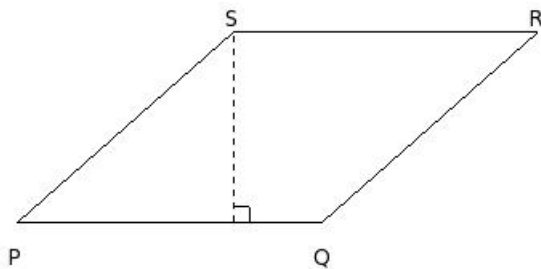
- (i) 8.00 cm (ii) 10.00 cm (iii) 7.00 cm (iv) 11.00 cm (v) 9.00 cm

8. In parallelogram PQRS, if base PQ = 18.00 cm and the corresponding height is 10.11 cm, then area of the parallelogram =



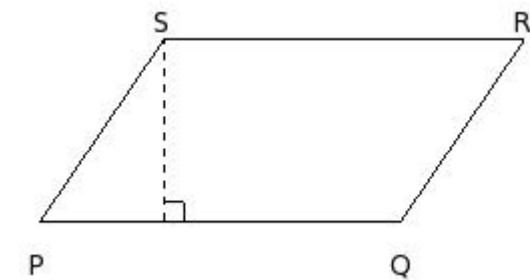
- (i) 177.98 sq.cm (ii) 198.98 sq.cm (iii) 199.98 sq.cm (iv) 168.98 sq.cm (v) 181.98 sq.cm

9. In parallelogram PQRS, if base PQ = 19.00 cm and area is 224.58 sq.cm, the corresponding height to the base PQ is



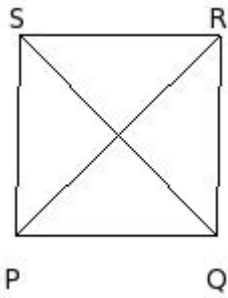
- (i) 11.82 cm (ii) 6.82 cm (iii) 14.82 cm (iv) 8.82 cm (v) 16.82 cm

10. In parallelogram PQRS, if distance between the parallel sides PQ and RS is 9.15 cm and area is 164.70 sq.cm, the base of the parallelogram PQ =



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

11. In rhombus PQRS, if diagonals $QS = 14.00$ cm and $PR = 14.28$ cm, the area of the rhombus =



- (i) 104.96 sq.cm (ii) 94.96 sq.cm (iii) 102.96 sq.cm (iv) 99.96 sq.cm (v) 96.96 sq.cm
-

Assignment Key

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