



Area of Quadrilateral

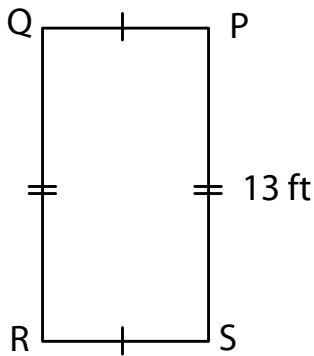
Name _____

Score _____

AQ:13

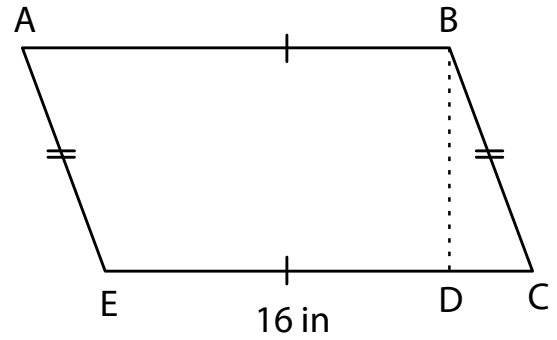
Find the missing length of each quadrilateral.

1) Area = 65 ft^2



PQ = _____ ft

2) Area = 152 in^2



BD = _____ in

3) If area of a square is 144 ft^2 , find the side length of the square.

4) One of the base and height of a trapezoid are 5 yd and 8 yd, what will be the measure of the another base if the area of the trapezoid is 64 yd^2 ?

5) The area and one of the diagonal of a kite are 31.45 in^2 and 8.5 in respectively. Determine the other diagonal of the kite.



Area of Quadrilateral

Name _____

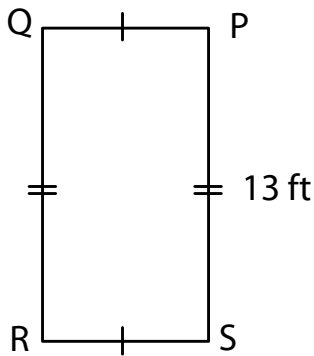
Score _____

Answer key

AQ:13

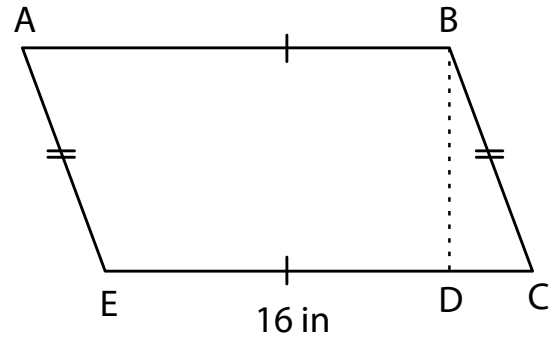
Find the missing length of each quadrilateral.

1) Area = 65 ft^2



PQ = 5 ft

2) Area = 152 in^2



BD = 9.5 in

3) If area of a square is 144 ft^2 , find the side length of the square.

12 ft

4) One of the base and height of a trapezoid are 5 yd and 8 yd, what will be the measure of the another base if the area of the trapezoid is 64 yd^2 ?

11 yd

5) The area and one of the diagonal of a kite are 31.45 in^2 and 8.5 in respectively. Determine the other diagonal of the kite.

7.4 in