

Name : _____

Area of a Kite

Sheet 2

A) Find the length of the unknown diagonal of each kite for the given measurements.

1) Area = 117 yd^2 , diagonal 2 = 20 yd

diagonal 1 = _____

2) Area = 63 in^2 , diagonal 2 = 9 in

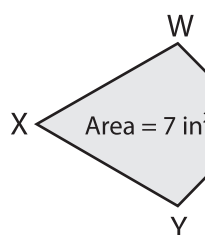
diagonal 1 = _____

3) Area = $2,016 \text{ in}^2$, diagonal 1 = 72 in

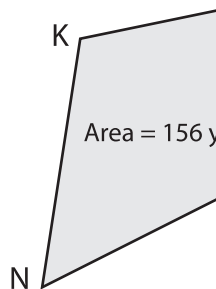
diagonal 2 = _____

4) Area = 768 ft^2 , diagonal 1 = 32 ft

5)



7)



PR = 10 ft. Find QS.

9) A kite has an area of 248 square feet. If one of the diagonals measures 31 feet, find the length of the other diagonal.

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