Area of Quadrilateral

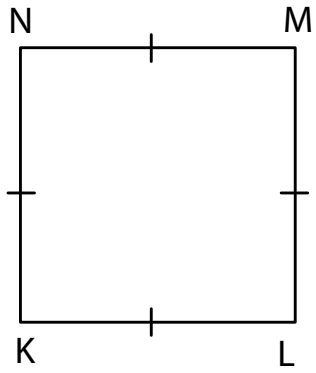
Name _____

Score _____

AQ:14

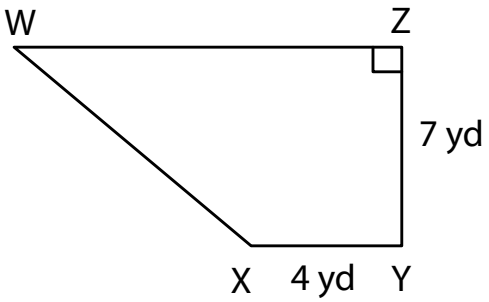
Find the missing length of each quadrilateral.

1) Area = 106.09 in^2



KN = _____ in

2) Area = 63 yd^2



WZ = _____ yd

3) The area and one of the diagonal of a rhombus are 49.5 yd^2 and 11 yd respectively. Calculate the other diagonal of the rhombus.

_____

4) Find the breadth of a rectangle, if the length and area of the rectangle are 10 in and 150 in^2 respectively.

_____

5) The area of a parallelogram is 16.8 ft^2. Find the base of the parallelogram if the height is 4.8 ft

_____

Area of Quadrilateral

Name _____

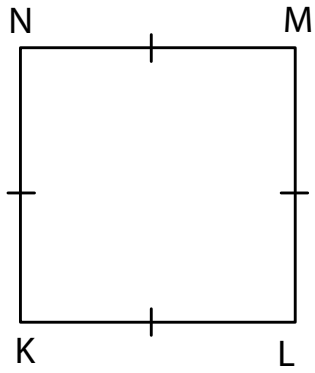
Score _____

Answer key

AQ:14

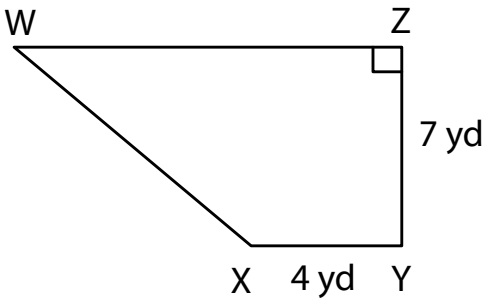
Find the missing length of each quadrilateral.

1) Area = 106.09 in^2



KN = **10.3** in

2) Area = 63 yd^2



WZ = **14** yd

3) The area and one of the diagonal of a rhombus are 49.5 yd^2 and 11 yd respectively. Calculate the other diagonal of the rhombus.

9 yd

4) Find the breadth of a rectangle, if the length and area of the rectangle are 10 in and 150 in^2 respectively.

15 in

5) The area of a parallelogram is 16.8 ft^2. Find the base of the parallelogram if the height is 4.8 ft

3.5 ft