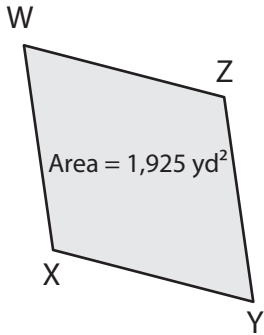# Rhombus | Missing Diagonal
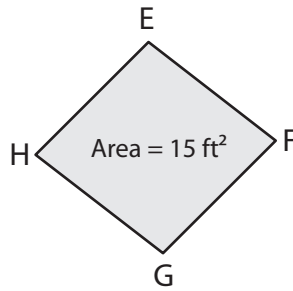
Find the length of the missing diagonal in each rhombus.

1) If WY = 70 yd, find XZ.

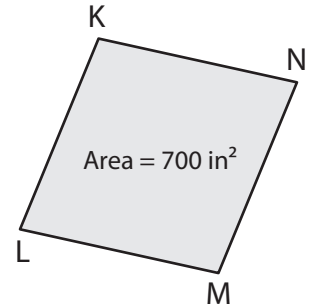Area = 1,925 yd²

XZ = _____

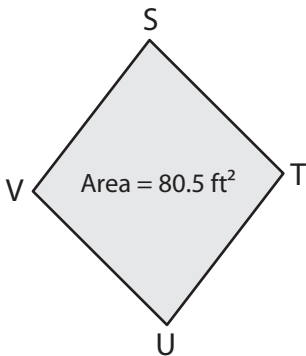2) If FH = 6 ft, find EG.

Area = 15 ft²

EG = _____

3) If KM = 35 in, find LN.

Area = 700 in²

LN = _____

4) If VT = 7 ft, find SU.

Area = 80.5 ft²

SU = _____

5) If BD = 16 in, find AC.

Area = 192 in²
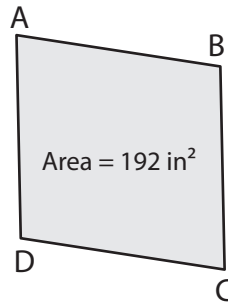
AC = _____

6) If VX = 49 yd, find UW.

Area = 906.5 yd²
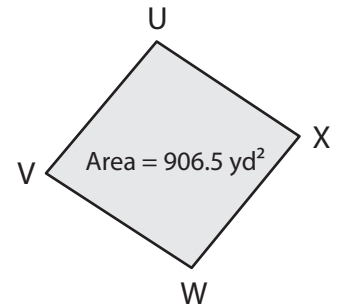
UW = _____

7) The length of one of the diagonals of a rhombus is 38 inches. Find the length of the other diagonal if the area is 646 square inches.

_____

8) The area of a rhombus is 125 square yards. If one of the diagonals measures 10 yards, find the length of the other diagonal.

_____