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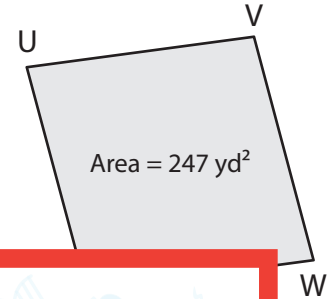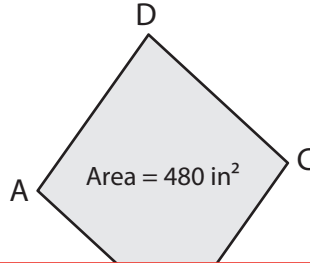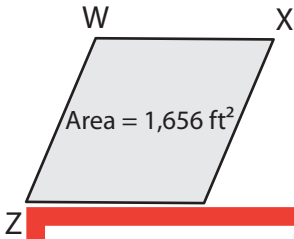
Find the length of the missing diagonal in each rhombus.

1) If XZ = 72 ft, find WY.

W   X

Area = 1,656 ft²

Z

WY

2) If BD = 40 in, find AC.

D

A   Area = 480 in²   C

3) If UW = 26 yd, find XV.

U   V

Area = 247 yd²

W

4) If L

EG.

F

KM

Preview

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7) The area of a rhombus is 2,946.5 square yards. If one of the diagonals measures 83 yards, find the length of the other diagonal.

8) EFGH is a rhombus whose diagonal GE = 5 feet. Determine the other diagonal FH if the area of the rhombus is 25 square feet.