Name : _____

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

1) Area = 1,684.76 in², diagonal 2 = 54.7 in

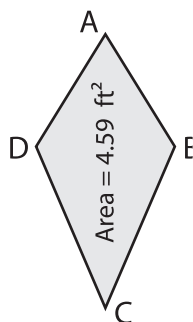   diagonal 1 = _____

2) Area = 87.4 ft², diagonal 1 = 19 ft

   diagonal 2 = _____

3) Area = 24.7 ft², diagonal 1 = 7.6 ft

   diagonal 2 = _____

4) Area = 432 yd², diagonal 2 = 38.4 yd

5)

A, D, E, C kite, Area = 4.59 ft²

AC = 5.1 ft. Find BD.

W, X kite, yd²

/X.

7)

S, P, R, Q kite, Area = 1,765.8 in²

QS = 64.8 in. Find PR.

M, in²
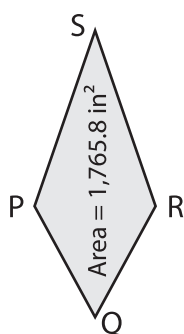
LN = 17.2 in. Find KM.

9) A kite has an area of 212 square yards. If one of the diagonals measures 42.4 yards, find the length of the other diagonal.

_____