Name : _____

Area of a Kite

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

1) Area = 8.37 ft², diagonal 1 = 6.2 ft

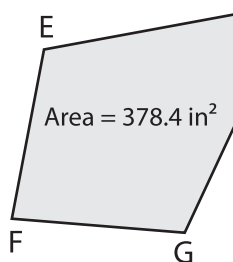   diagonal 2 = _____

2) Area = 994.7 in², diagonal 2 = 40.6 in

   diagonal 1 = _____

3) Area = 1,795.2 yd², diagonal 2 = 68 yd

   diagonal 1 = _____

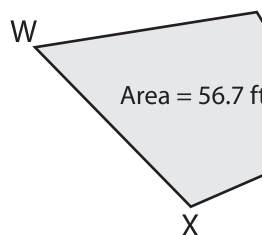4) Area = 70.81 in², diagonal 1 = 7.3 in

   _____

5)

E

Area = 378.4 in²

F   G

EG = 21.5 in. Find [...]

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t² > B

C.

7)

W

Area = 56.7 ft

X

XZ = 8.4 ft. Find WY.

_____

R

QS = 36.8 yd. Find PR.

_____

9) The area of a kite is 128.38 square yards. If one of the diagonals measures 13.1 yards, determine the length of the other diagonal.

_____