Name : _____

Area of a Kite

A) Find the area of each kite for the given measurements.

1) diagonal 1 = 7 ft, diagonal 2 = 65 in

Area = _____ in²

2) diagonal 1 = 5 yd, diagonal 2 = 21 ft

Area = _____ ft²
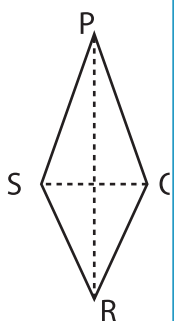
3) diagonal 1 = 600 in, diagonal 2 = 44 ft

Area = _____ ft²

4) diagonal 1 = 25 yd, diagonal 2 = 2,016 in

Area = _____ yd²

B) Find the area of each k
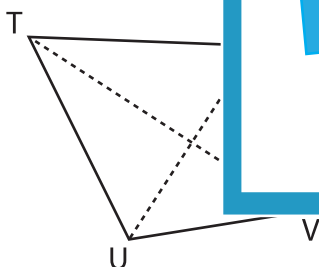
5)

P

S   C

R

QS = 72 in, PR = 6

Area = _____

D

C

ft

_____ ft²

7)

T

U   V

TV = 1.5 yd, UW = 23 in

Area = _____ in²

E

F

FH = 38 ft, EG = 540 in

Area = _____ ft²

9) The lengths of the diagonals of a kite are 1 yard and 40.2 inches. What is the area of the kite?

_____ square inches