Name : _____

Area of a Kite

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

1) diagonal 1 = 13.8 in, diagonal 2 = 7.6 in

Area = _____

2) diagonal 1 = 28.4 ft, diagonal 2 = 35.5 ft

Area = _____
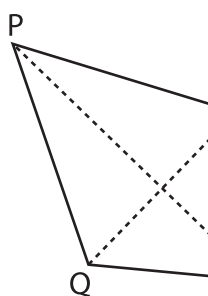
3) diagonal 1 = 2.5 yd, diagonal 2 = 6.2 yd

Area = _____

4) diagonal 1 = 94.3 in, diagonal 2 = 89.4 in

Area = _____
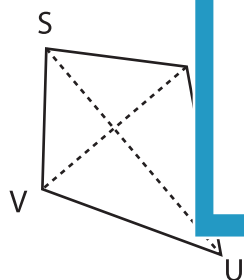
B) Find the area of each k

5)

P

Q

PR = 66 yd, QS = 5

Area = _____

H

21.6 yd

7)

S

V

U

TV = 39 in, SU = 45.1 in

Area = _____

B
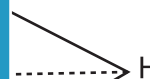
C

AC = 79.1 ft, BD = 73.2 ft

Area = _____

9) The lengths of the diagonals of a kite are 9 inches and 19.2 inches. What is the area of the kite?

_____