

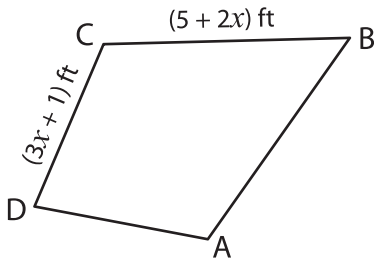
Name : _____

Perimeter of a Kite

Sheet 1

Solve for x and find the indicated side lengths of each kite.

1)



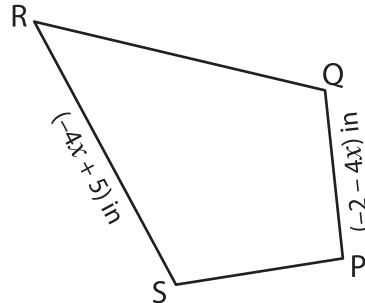
Perimeter = 32 ft

$x =$ _____

BC = _____

CD = _____

2)



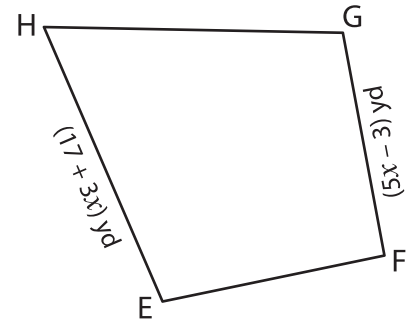
Perimeter = 140 yd

$x =$ _____

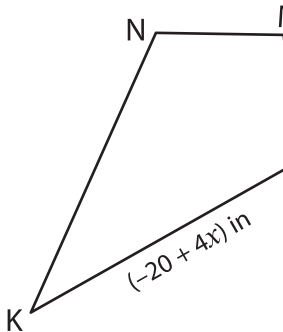
FG = _____

EH = _____

3)



4)



Perimeter = 196 in

$x =$ _____

KL = _____

LM = _____

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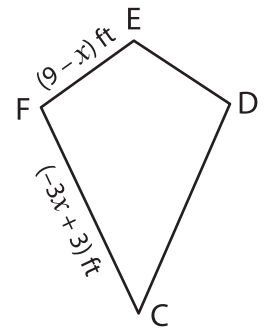
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TU = _____

UV = _____



Perimeter = 144 ft

$x =$ _____

EF = _____

CF = _____

7) The side lengths of a kite are $(2x + 3)$ yards and $(6x - 1)$ yards. If the perimeter is 100 yards, determine the value of x and the side lengths of the kite.
