

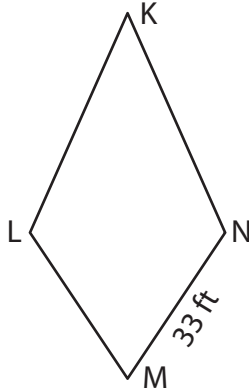
Name : _____

Perimeter of a Kite

Sheet 1

Find the indicated side length of each kite from the given perimeter.

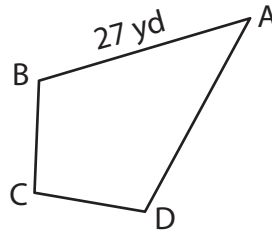
1)



Perimeter = 150 ft

KN = _____

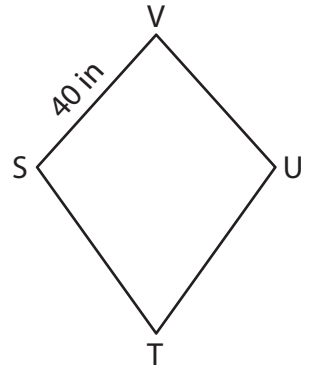
2)



Perimeter = 82 yd

BC = _____

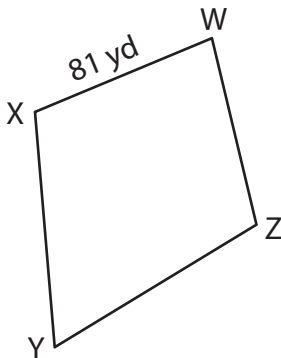
3)



Perimeter = 172 in

TU = _____

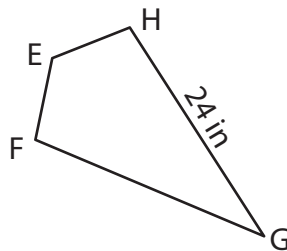
4)



Perimeter = 352 yd

YZ = _____

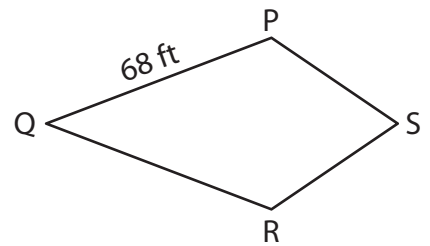
5)



Perimeter = 64 in

EH = _____

6)



Perimeter = 242 ft

RS = _____

7) CDEF is a kite. Its perimeter is 268 feet. Find CD, if the length of \overline{EF} is 73 feet.

8) The perimeter of kite RSTU is 132 yards. What is the length of \overline{TU} , if RS = 29 yards?

Name: _____

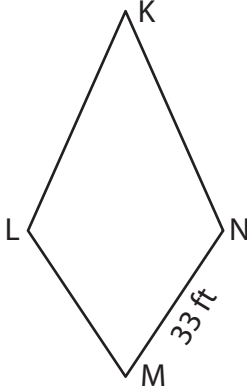
Answer key

Sheet 1

Perimeter of a Kite

Find the indicated side length of each kite from the given perimeter.

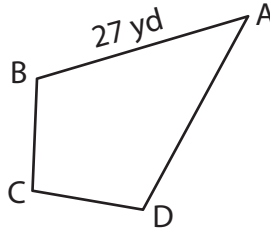
1)



Perimeter = 150 ft

KN = 42 ft

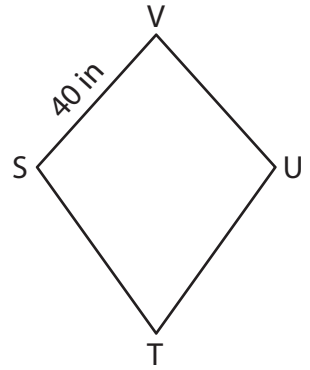
2)



Perimeter = 82 yd

BC = 14 yd

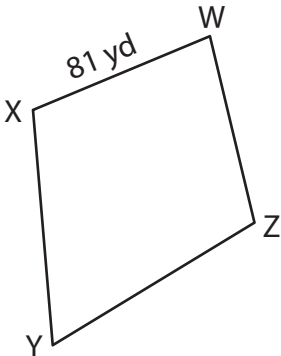
3)



Perimeter = 172 in

TU = 46 in

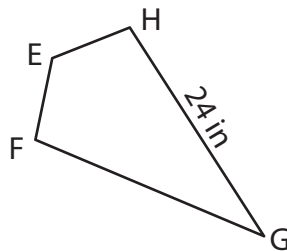
4)



Perimeter = 352 yd

YZ = 95 yd

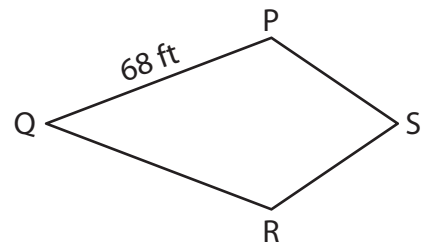
5)



Perimeter = 64 in

EH = 8 in

6)



Perimeter = 242 ft

RS = 53 ft

7) CDEF is a kite. Its perimeter is 268 feet. Find CD, if the length of \overline{EF} is 73 feet.

61 feet

8) The perimeter of kite RSTU is 132 yards. What is the length of \overline{TU} , if RS = 29 yards?

37 yards