Name : _____
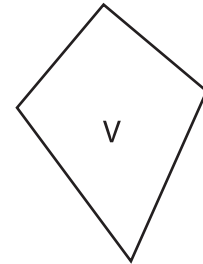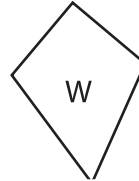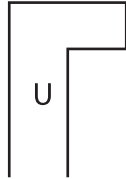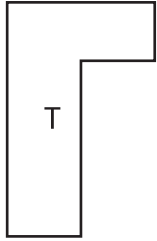
Scale Factors - Perimeters

Each pair of figures is similar. Find the missing perimeter. (P denotes Perimeter)

1) Scale factor of T to U is 3.5 : 3.2

T

U

P = 14 in

Perimeter of figure _____
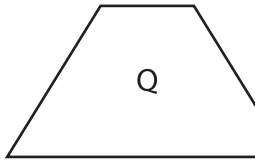
2) Scale factor of W to V is 2 : 5

W

V

P = 20 yd

_____ ure W = _____

3) Scale factor of R to _____

Q

P = ?
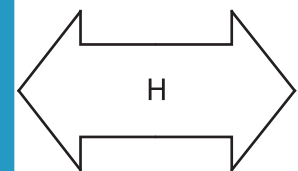
Perimeter of figure _____

_____ to G is 8 : 4.3

H

P = ?

_____ ure H = _____

5) The scale factor of _____ gure X, if the perimeter of figure Y is 65 yards.

_____

6) The scale factor of two squares is 3 : 1. If the perimeter of the larger square is 27 feet, what would be the perimeter of the smaller square?

_____