

Name : \_\_\_\_\_

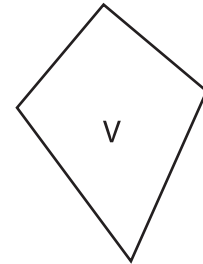
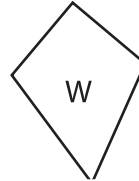
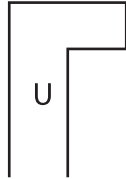
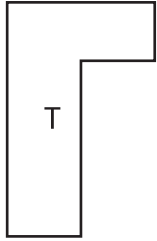
## Scale Factors - Perimeters

L1S2

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

2) Scale factor of W to V is 2 : 5



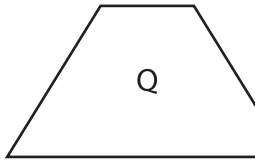
P = 14 in

Perimeter of figure

P = 20 yd

Perimeter of figure W = \_\_\_\_\_

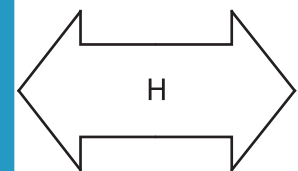
3) Scale factor of R to G is 8 : 4.3



P = ?

Perimeter of figure

Scale factor of figure H to G is 8 : 4.3



P = ?

Perimeter of figure H = \_\_\_\_\_

5) The scale factor of figure Y to figure X is 3 : 1. If the perimeter of figure Y is 65 yards, what would be the perimeter of figure X?

\_\_\_\_\_

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?

\_\_\_\_\_

**PREVIEW**

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)