Name : _____

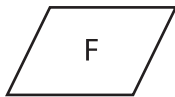# Scale Factors - Perimeters

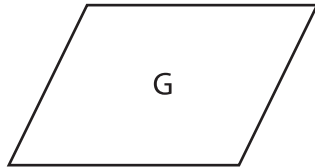Each pair of figures is similar. Find the missing perimeter. (P denotes Perimeter)

1) Scale factor of F to G is 4 : 9

F
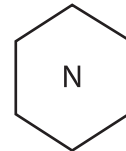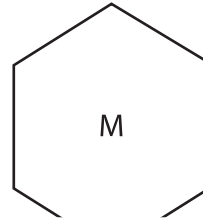
G

P = 28 yd

Perimeter of figure ___

2) Scale factor of N to M is 3.1 : 5.4

M

N

P = 62 ft

____ure M = _____

3) Scale factor of E to ____

D

P = ?

____ to Y is 9 : 1.6

Y
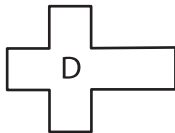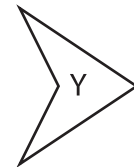
P = ?

Perimeter of figure ____

____ure Y = _____

5) B and C are similar ____ ____he perimeter of figure B, if the perimeter of ____

_____

6) The scale factor of similar kites S to T is 2.3 : 5. If the perimeter of kite T is 10 inches, determine the perimeter of kite S.

_____