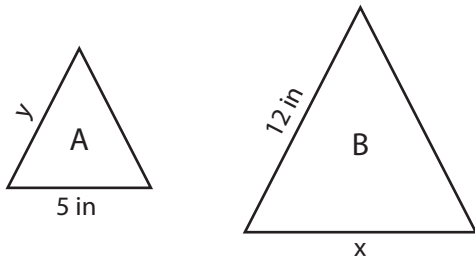Name : _____

Scale Factor - Finding Sides
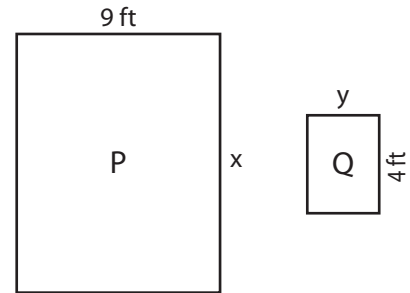
Find x and y.

1) Scale factor of A to B is 1 : 2

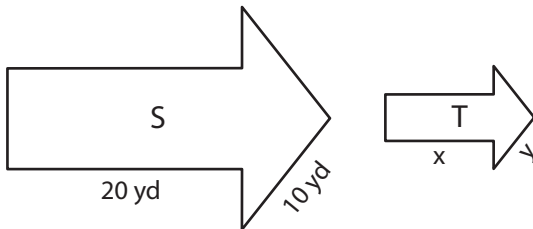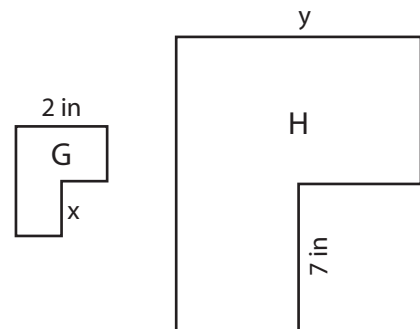x = _____ ; y = _____

2) Scale factor of Q to P is 1 : 3

x = _____ ; y = _____

3) Scale factor of S to T is 4 : 1

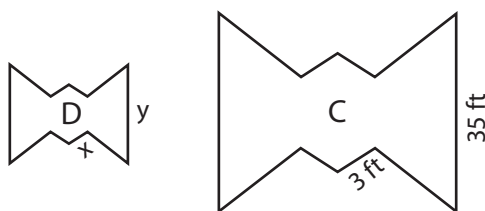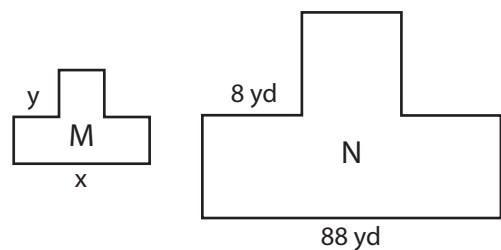x = _____ ; y = _____

4) Scale factor of G to H is 1 : 7

x = _____ ; y = _____

5) Scale factor of C to D is 5 : 1

x = _____ ; y = _____

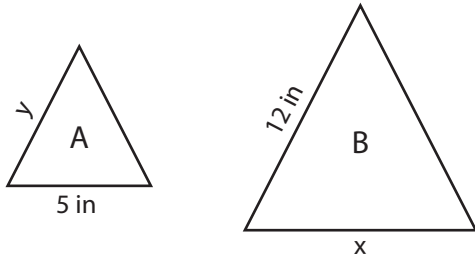6) Scale factor of N to M is 8 : 1

x = _____ ; y = _____

Name : _____

Scale Factor - Finding Sides

L1S1

Find x and y.

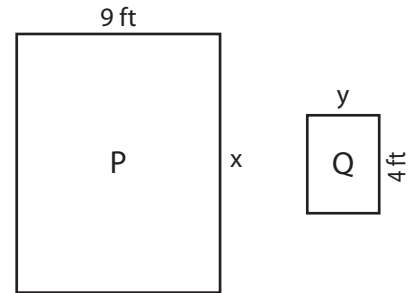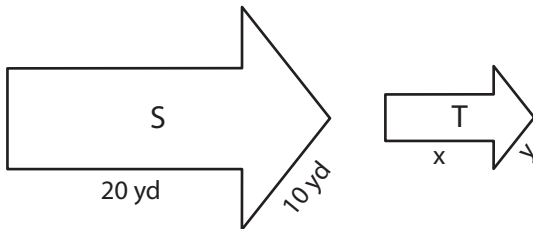1) Scale factor of A to B is 1 : 2

x = __**10 in**__ ; y = __**6 in**__
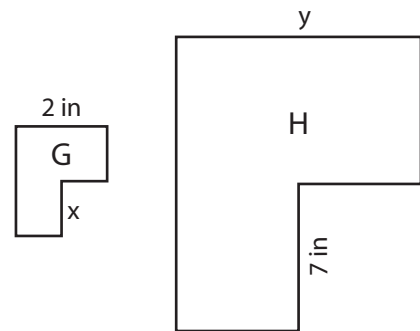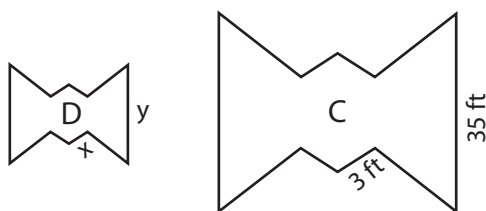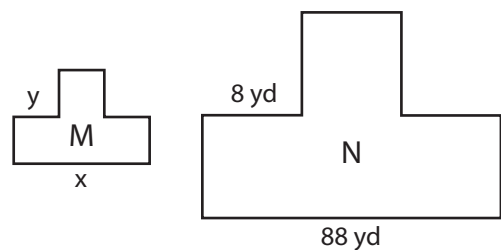
2) Scale factor of Q to P is 1 : 3

9 ft

y

P   x   Q   4 ft

x = __**12 ft**__ ; y = __**3 ft**__

3) Scale factor of S to T is 4 : 1

S

20 yd   10 yd   T   x   y

x = __**5 yd**__ ; y = __**2.5 yd**__

4) Scale factor of G to H is 1 : 7

y

2 in   H

G   x

7 in

x = __**1 in**__ ; y = __**14 in**__

5) Scale factor of C to D is 5 : 1

D   y   C   35 ft   x   3 ft

x = __**0.6 ft**__ ; y = __**7 ft**__

6) Scale factor of N to M is 8 : 1

y   8 yd

M   N

x

88 yd

x = __**11 yd**__ ; y = __**1 yd**__