

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

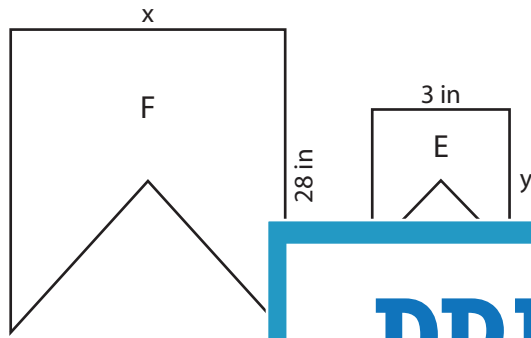
## Scale Factor - Finding Sides

L154

Find x and y.

1) Scale factor of E to F is 1 : 7

2) Scale factor of M to N is 2 : 1



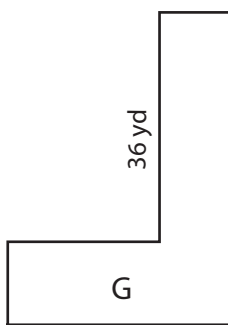
x = \_\_\_\_\_ ;

\_\_\_\_\_ ; y = \_\_\_\_\_

3) Scale factor of G to I

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to P is 1 : 9

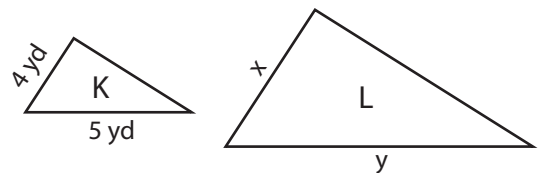
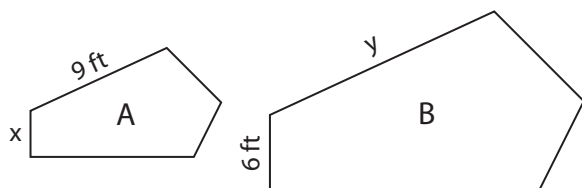


x = \_\_\_\_\_ ;

\_\_\_\_\_ ; y = \_\_\_\_\_

5) Scale factor of B to A

to L is 1 : 5



x = \_\_\_\_\_ ; y = \_\_\_\_\_

x = \_\_\_\_\_ ; y = \_\_\_\_\_

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

## Answer key

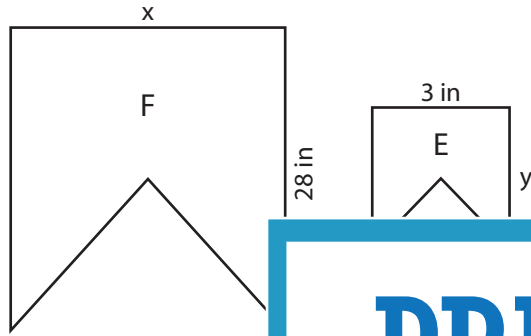
### Scale Factor - Finding Sides

L154

Find x and y.

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2) Scale factor of M to N is 2 : 1

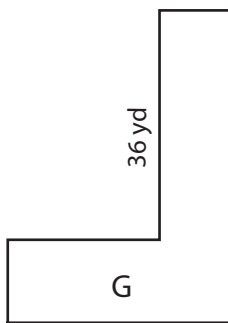


$x = \underline{21 \text{ in}}$  ;

\_\_\_\_\_ ;  $y = \underline{1 \text{ ft}}$

3) Scale factor of G to I

to P is 1 : 9

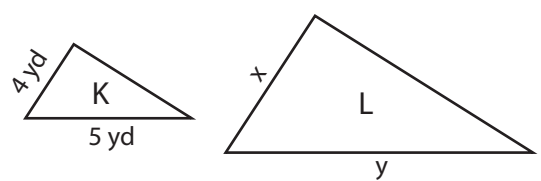
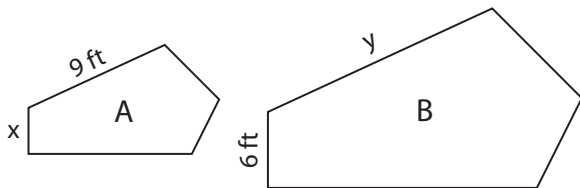


$x = \underline{6 \text{ yd}}$  ;

\_\_\_\_\_ ;  $y = \underline{2 \text{ in}}$

5) Scale factor of B to A

to L is 1 : 5



$x = \underline{2 \text{ ft}}$  ;  $y = \underline{27 \text{ ft}}$

$x = \underline{20 \text{ yd}}$  ;  $y = \underline{25 \text{ yd}}$

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