
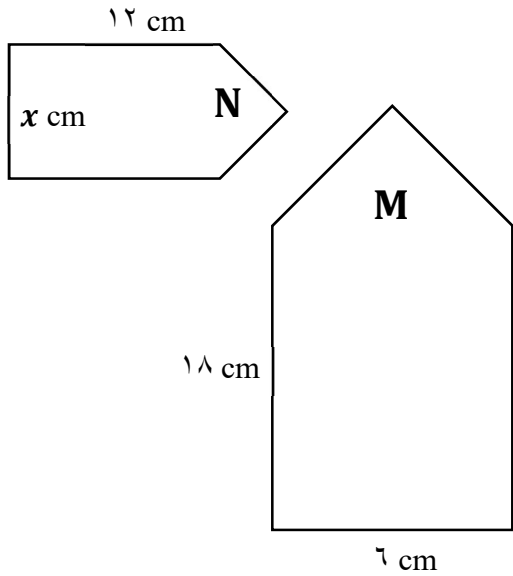


# Math Worksheets

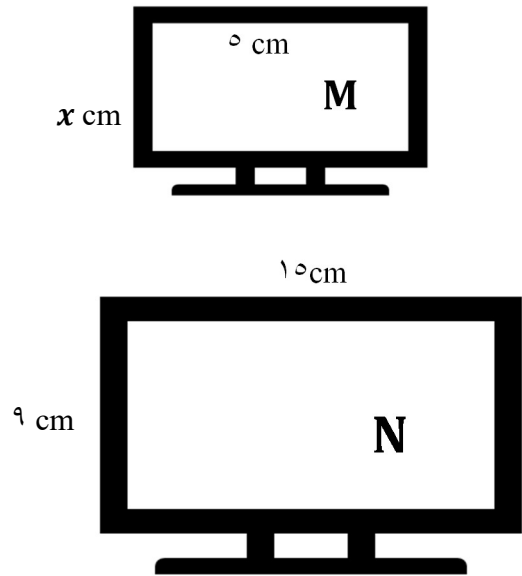
## Dilations

 Determine whether the dilation from figure M to figure N is a reduction or an enlargement. Then find the scale factor and the missing length.

1)

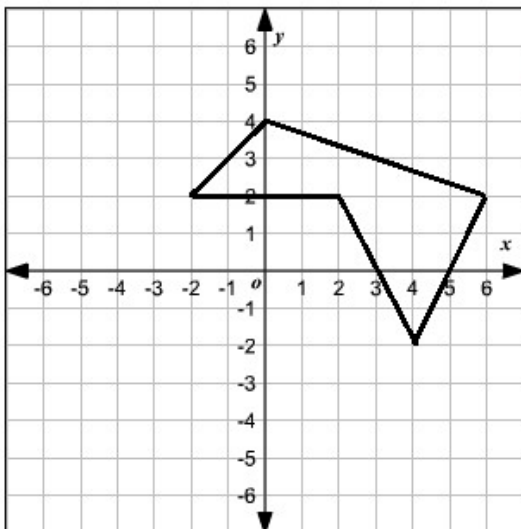


2)

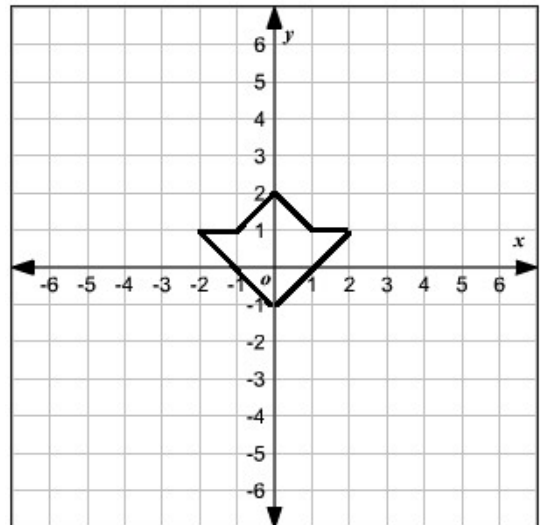


 Draw a dilation of the figure using the given scale factor.

3)  $k = \frac{1}{3}$



4)  $k = 3$



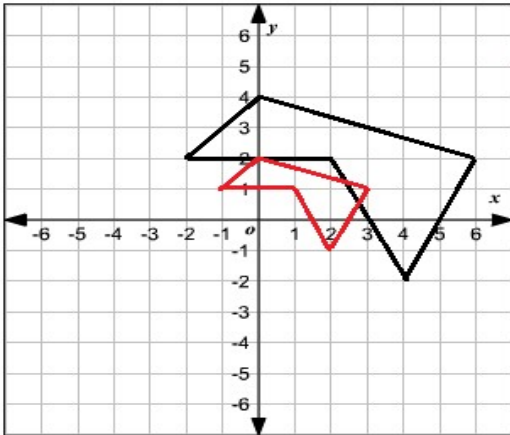
## Answers of Worksheets

### Dilations

1) Reduction,  $k = \frac{3}{4}$ ,  $x = 4 \text{ cm}$

2) Enlargement,  $k = \frac{4}{3}$ ,  $x = 3 \text{ cm}$

3)



4)

