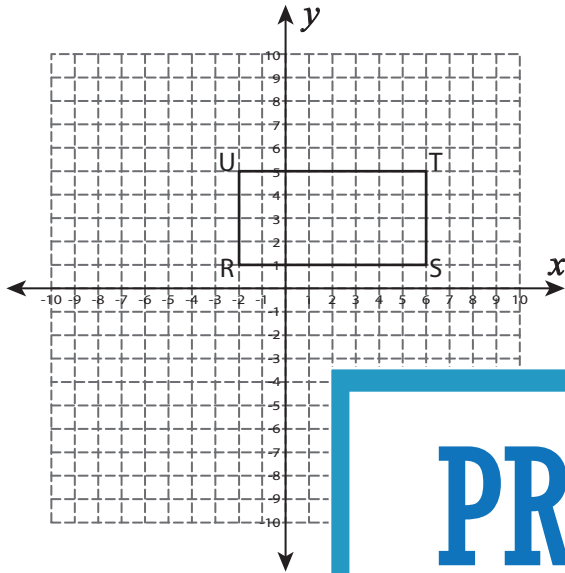


# Dilated Coordinates

Find the dilated coordinates with the given center and scale factor (k). Also draw the dilated image.

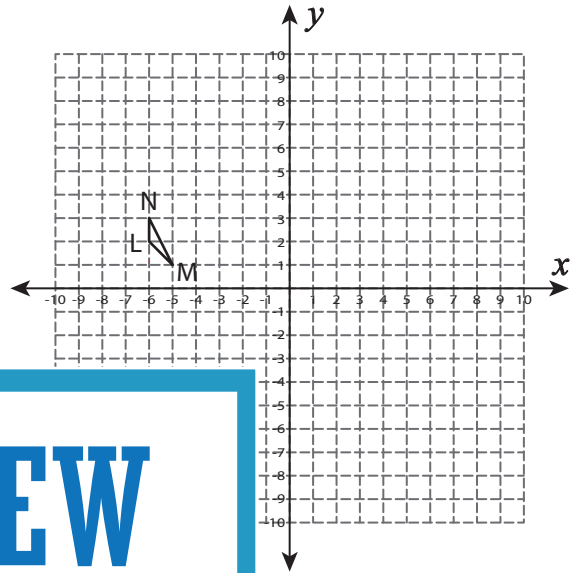
1) center :  $(-2, -5)$  ,  $k = \frac{1}{2}$



R' : \_\_\_\_\_ ,

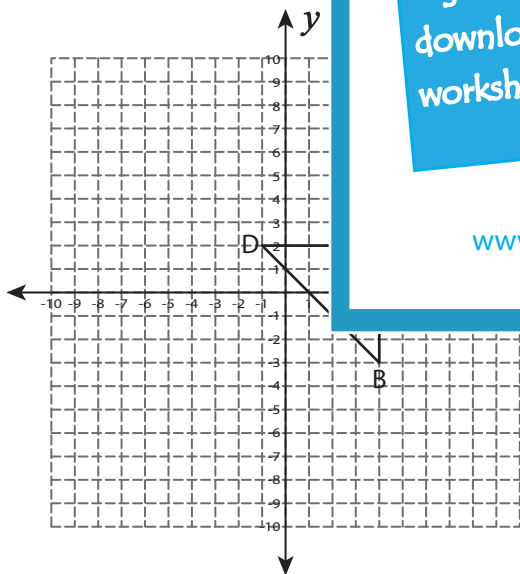
T' : \_\_\_\_\_ ,

2) center :  $(-7, 3)$  ,  $k = 6$



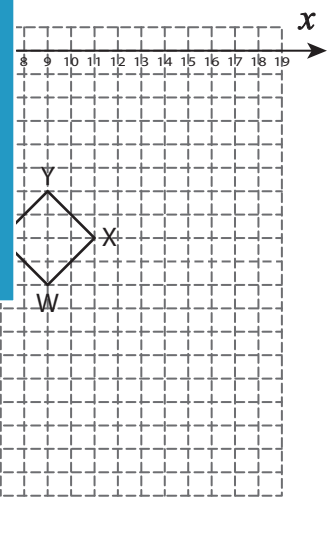
M' : \_\_\_\_\_

3) center :  $(4, 2)$  ,  $k = \frac{2}{5}$



B' : \_\_\_\_\_ , C' : \_\_\_\_\_

D' : \_\_\_\_\_



W' : \_\_\_\_\_ , X' : \_\_\_\_\_

Y' : \_\_\_\_\_ , Z' : \_\_\_\_\_

## PREVIEW

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

Members, please log in to download this worksheet.

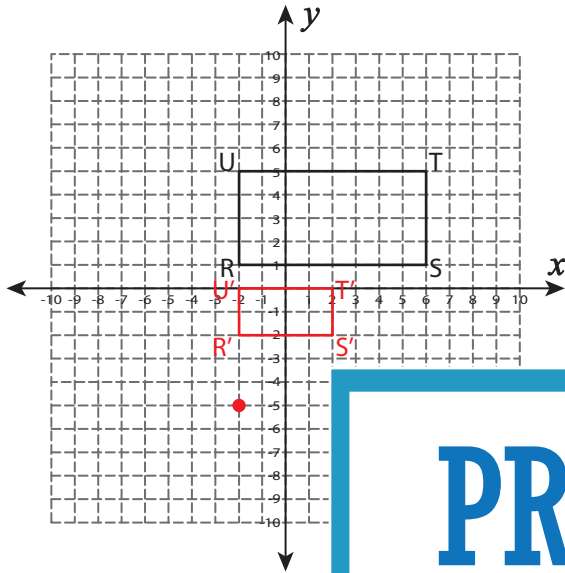
Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

**Dilated Coordinates**

Find the dilated coordinates with the given center and scale factor (k). Also draw the dilated image.

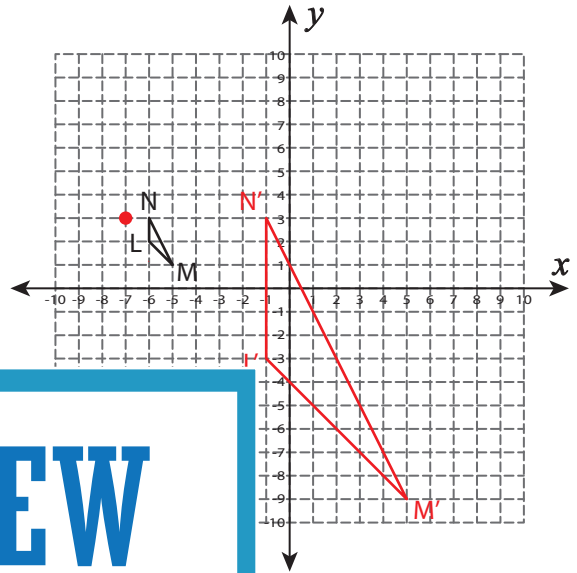
1) center :  $(-2, -5)$  ,  $k = \frac{1}{2}$



R' :           (-2, -2)           ,

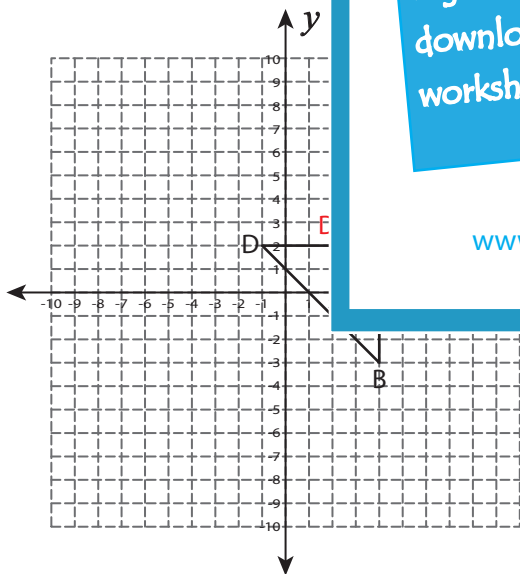
T' :           (2, 0)           ,

2) center :  $(-7, 3)$  ,  $k = 6$



M' :           (5, -9)          

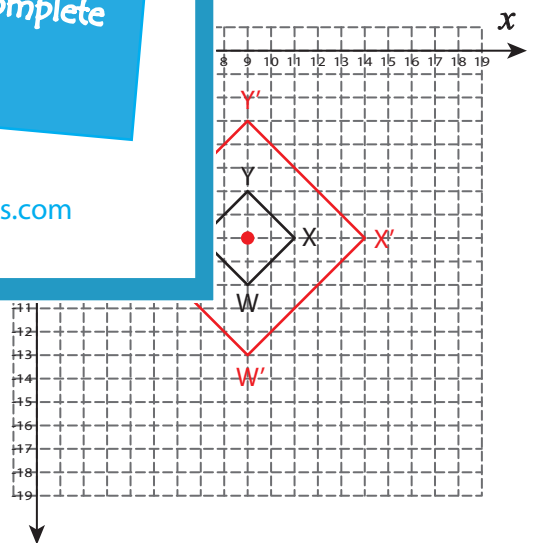
3) center :  $(4, 2)$  ,  $k = \frac{2}{5}$



B' :           (4, 0)           , C' :           (4, 2)          

D' :           (2, 2)          

2.5



W' :           (9, -13)           , X' :           (14, -8)          

Y' :           (9, -3)           , Z' :           (4, -8)          

**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)