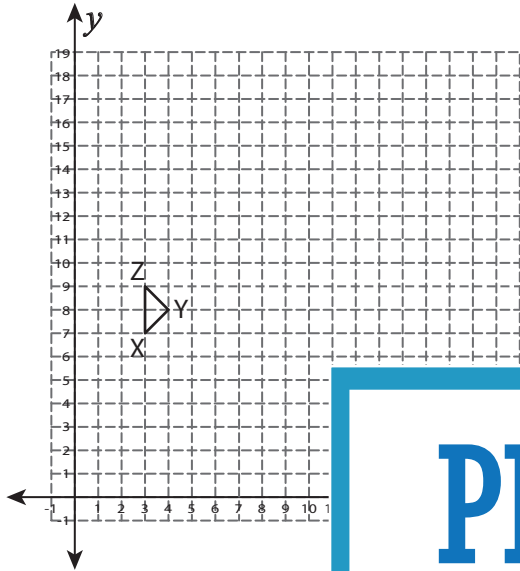


# Dilated Coordinates

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

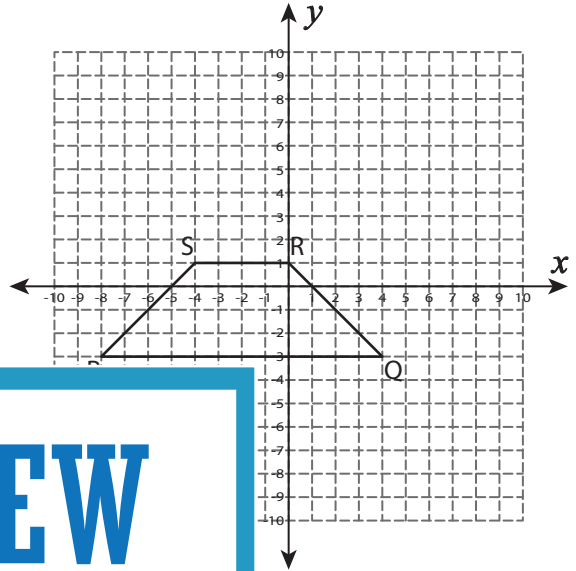
1) center : (2, 7) , k = 5



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

Z' : \_\_\_\_\_

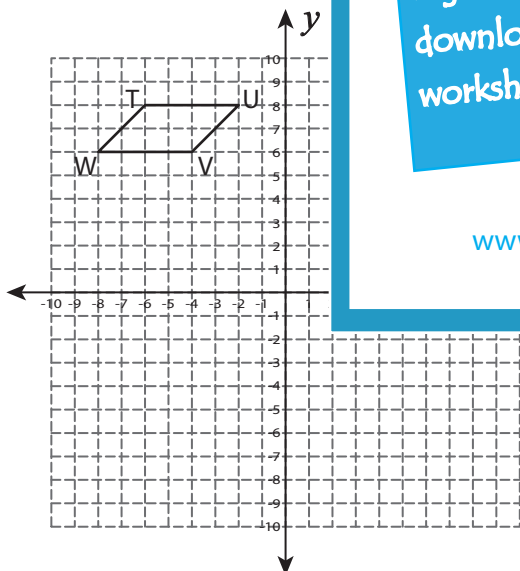
2) center : (8, -7) , k = 0.25



Q' : \_\_\_\_\_

S' : \_\_\_\_\_

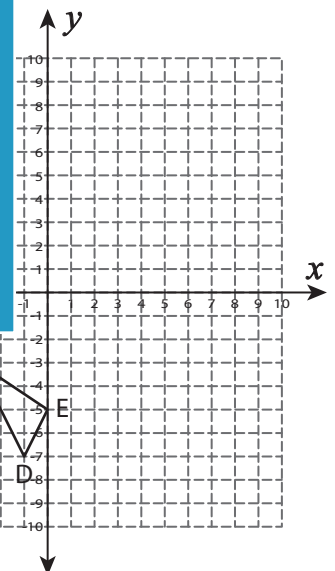
3) center : (-6, 10) , k =  $\frac{3}{2}$



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

V' : \_\_\_\_\_ , W' : \_\_\_\_\_

Q' : \_\_\_\_\_



D' : \_\_\_\_\_ , E' : \_\_\_\_\_

F' : \_\_\_\_\_

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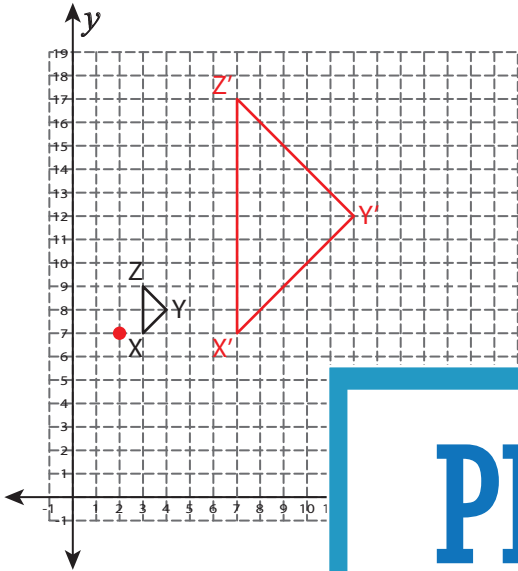
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**Dilated Coordinates**

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

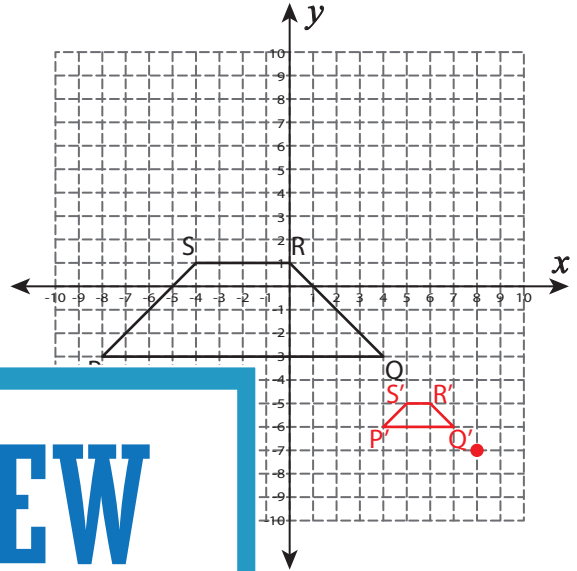
1) center : (2, 7) , k = 5



X' :       (7, 7)       ,

Z' :       (7, 17)      

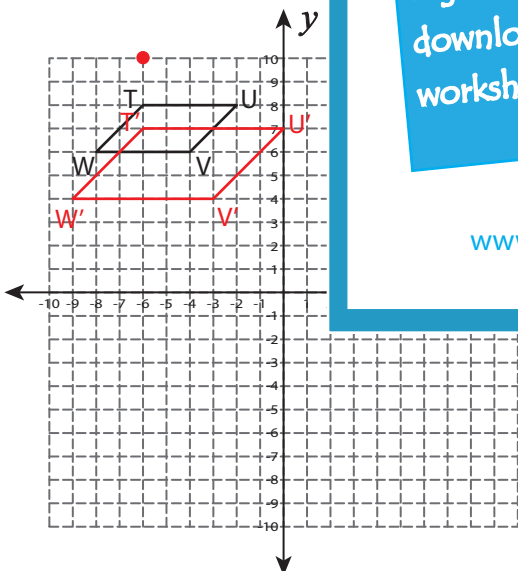
2) center : (8, -7) , k = 0.25



Q' :       (7, -6)      

S' :       (5, -5)      

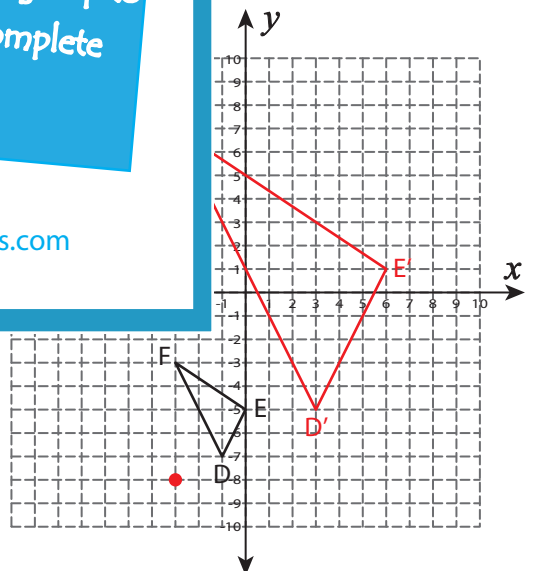
3) center : (-6, 10) , k =  $\frac{3}{2}$



T' :       (-6, 7)       , U' :       (0, 7)      

V' :       (-3, 4)       , W' :       (-9, 4)      

= 3



D' :       (3, -5)       , E' :       (6, 1)      

F' :       (-3, 7)      

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