Dilated Coordinates
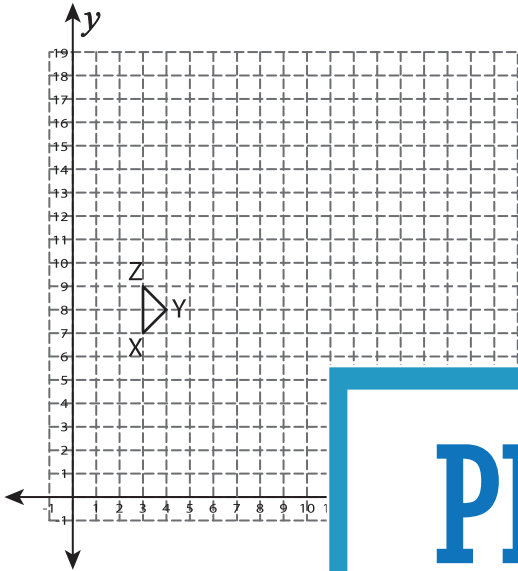
Name : _____

Find the dilated coordinates with the given center and scale factor (k). Also draw the dilated image.
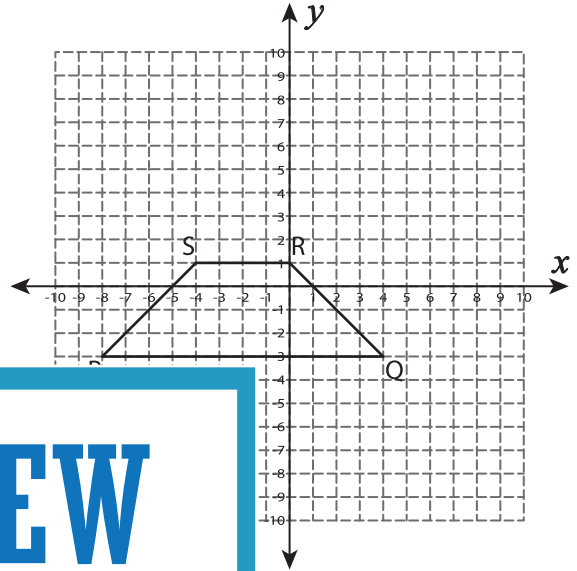
1) center : (2, 7) , k = 5

2) center : (8, −7) , k = 0.25

X′ : _____ ,

Z′ : _____
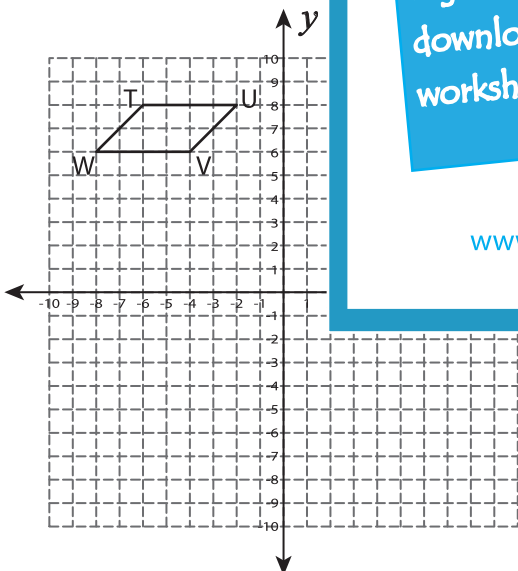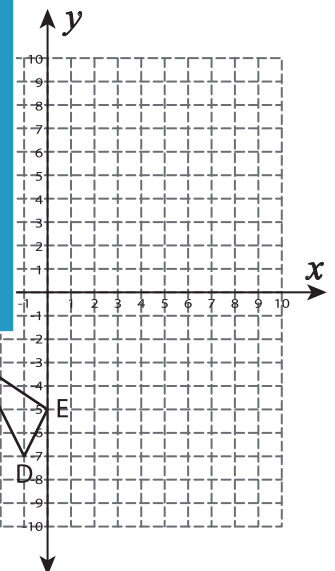
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_____ , Q′ : _____

_____ , S′ : _____

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

= 3

T′ : _____ , U′ : _____

V′ : _____ , W′ : _____

D′ : _____ , E′ : _____

F′ : _____