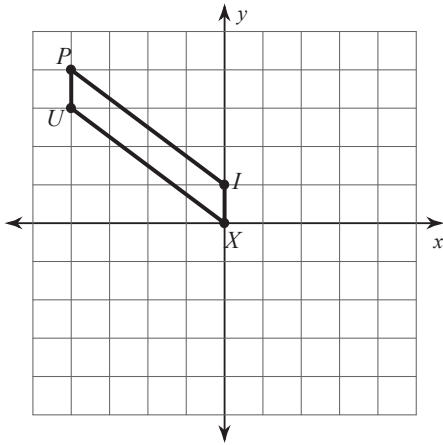


# Dilations

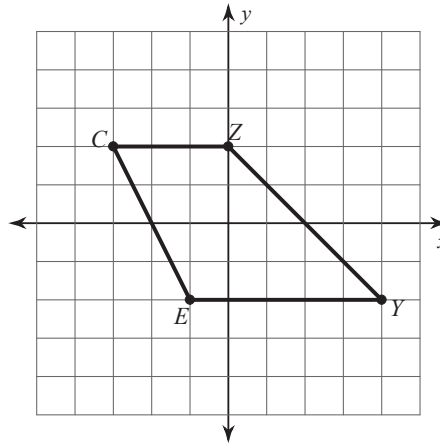
© 2011 Kuta Software LLC. All rights reserved.

**Graph the image of the figure using the transformation given.**

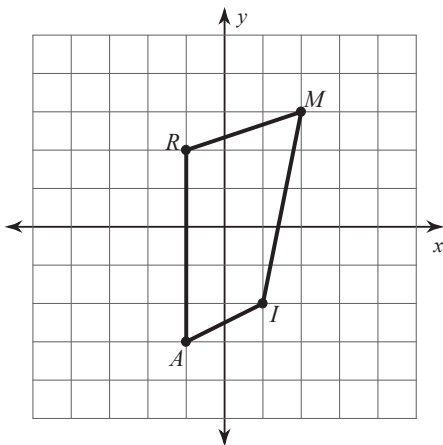
1) dilation of 0.5



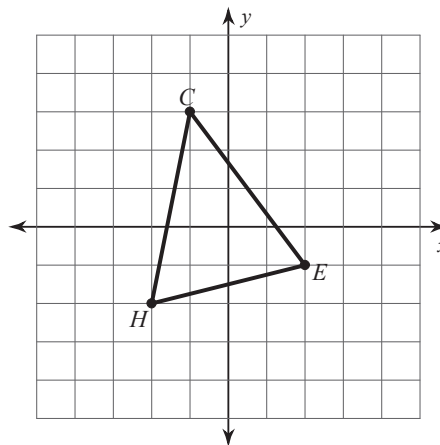
2) dilation of 0.5



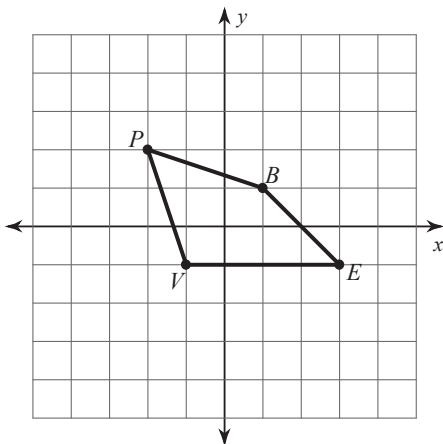
3) dilation of 1.5



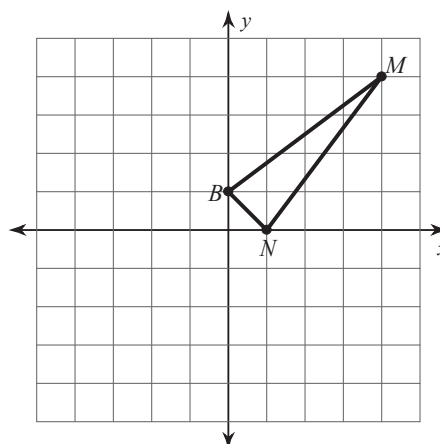
4) dilation of 1.5



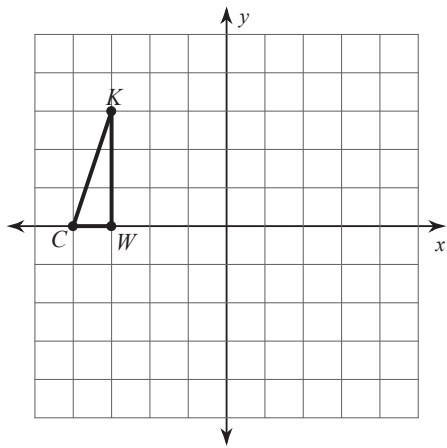
5) dilation of 1.5



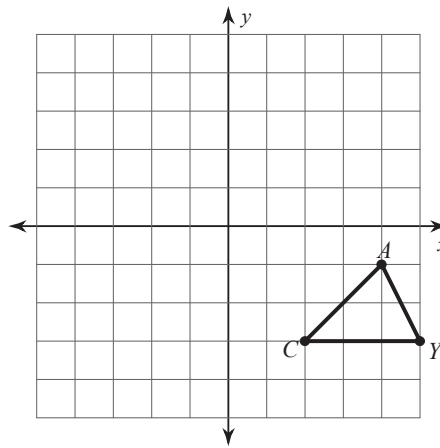
6) dilation of  $\frac{1}{2}$



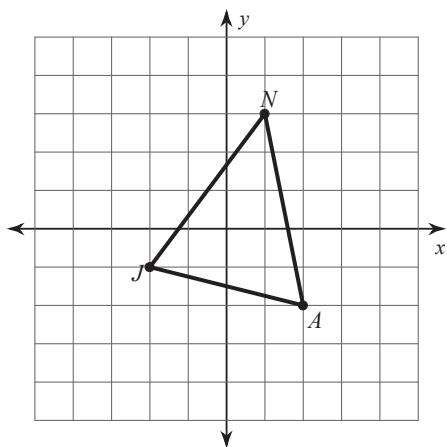
7) dilation of 0.5



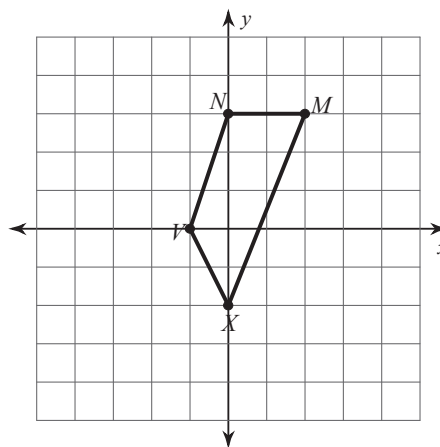
8) dilation of 0.25



9) dilation of 0.25

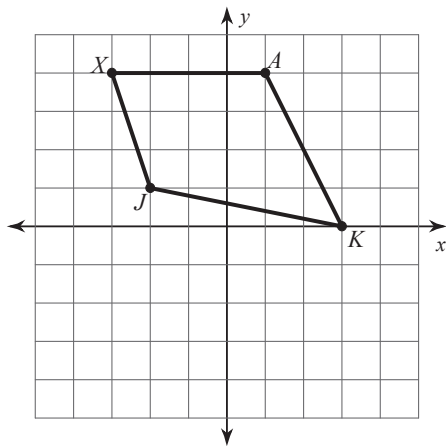


10) dilation of 1.5

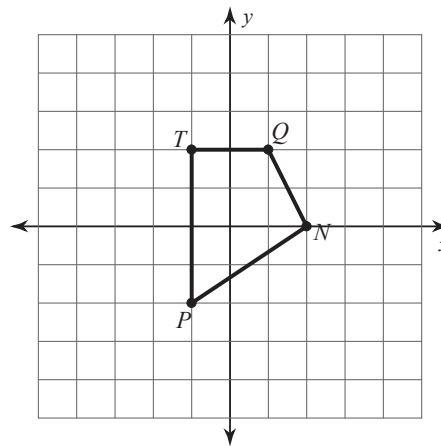


**Find the coordinates of the vertices of each figure after the given transformation.**

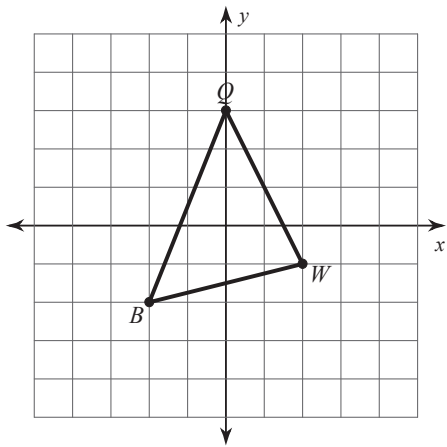
11) dilation of 0.25



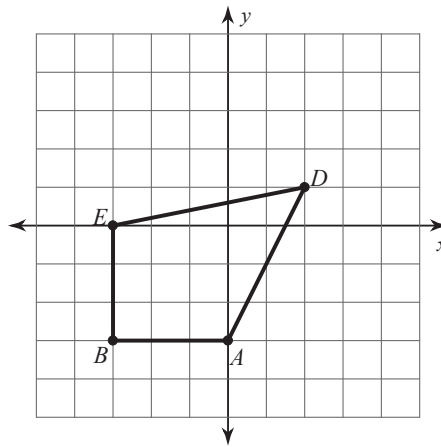
12) dilation of 2.5



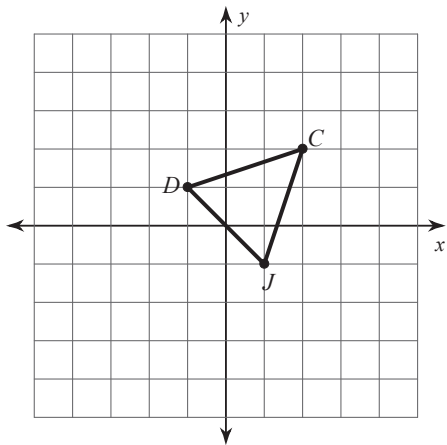
13) dilation of 1.5



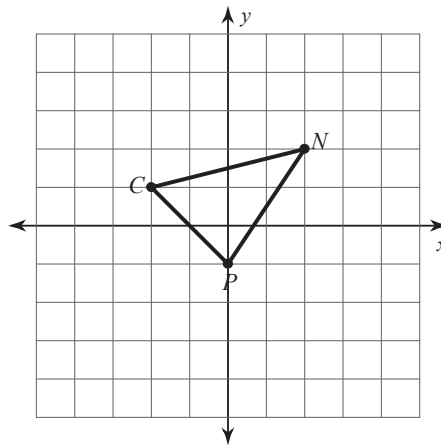
14) dilation of 1.5



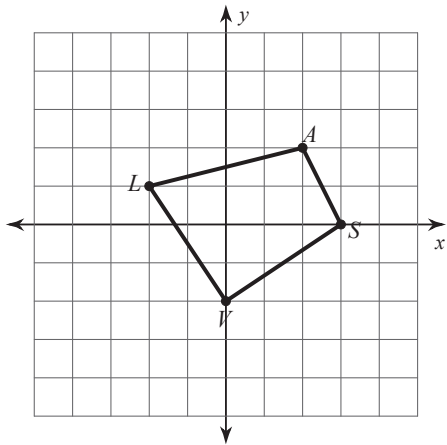
15) dilation of 2



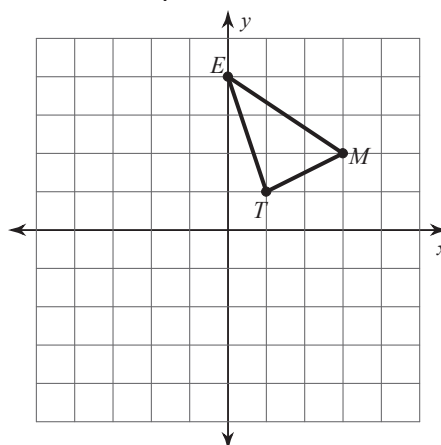
16) dilation of 2



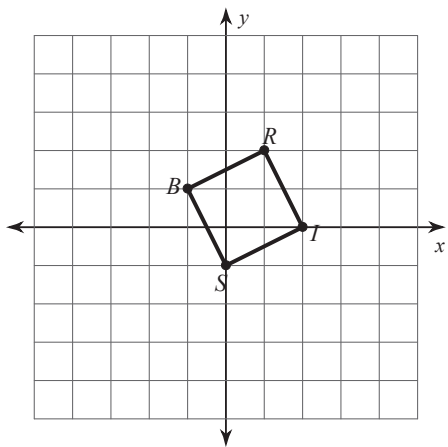
17) dilation of 1.5



18) dilation of  $\frac{1}{4}$



19) dilation of  $\frac{5}{2}$



20) dilation of 1.5

