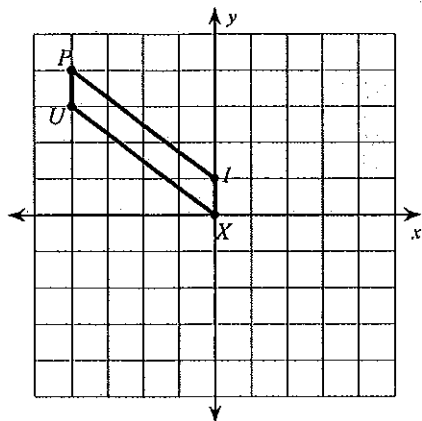


# Dilations

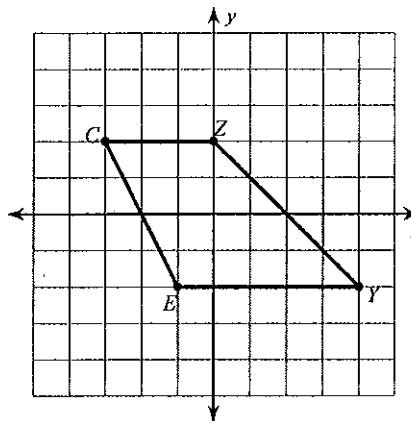
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Graph the image of the figure using the transformation given.

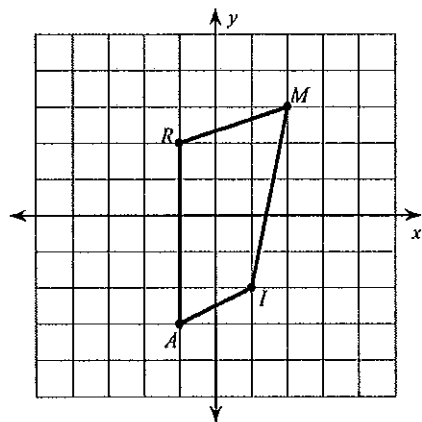
1) dilation of  $\frac{1}{2}$



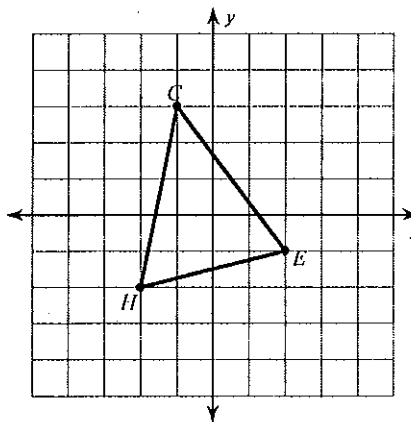
2) dilation of 0.5



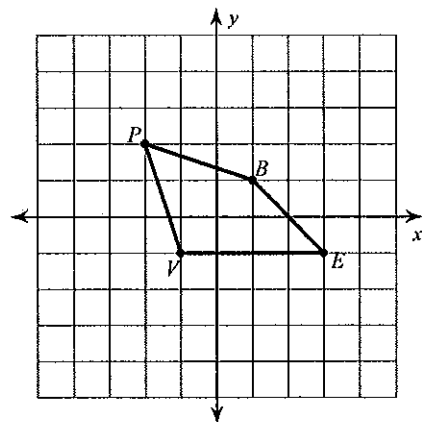
3) dilation of 1.5



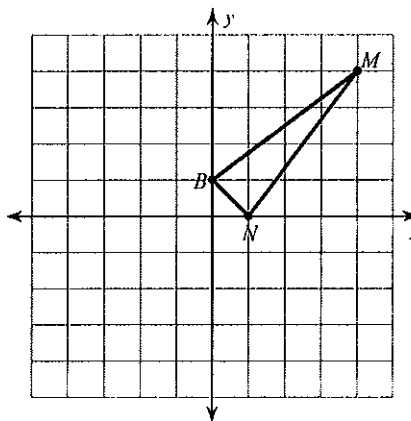
4) dilation of 1.5



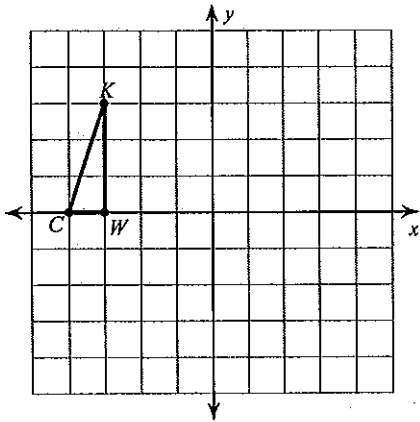
5) dilation of 1.5



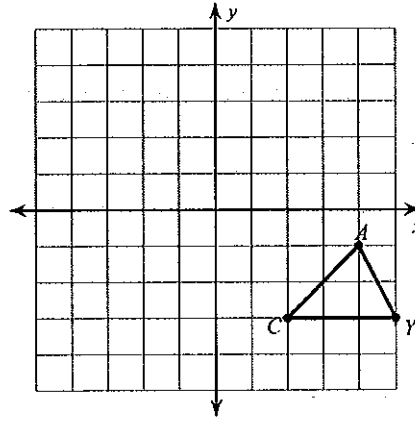
6) dilation of  $-\frac{1}{2}$



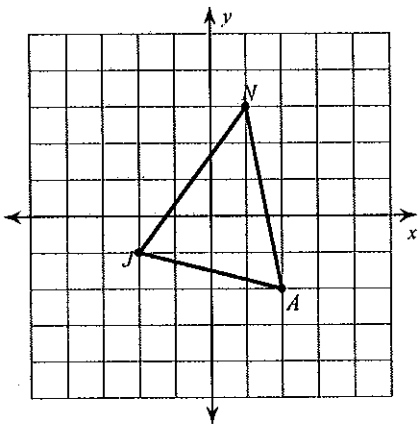
7) dilation of 0.5



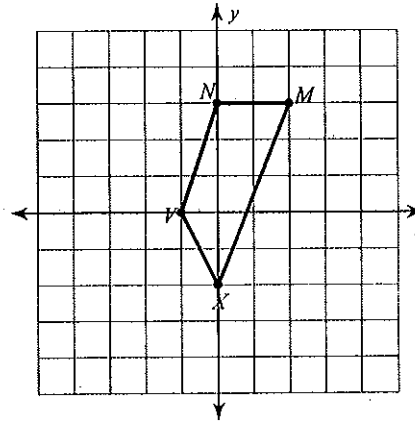
8) dilation of ~~0.25~~ <sup>-0.25</sup>



9) dilation of 0.25

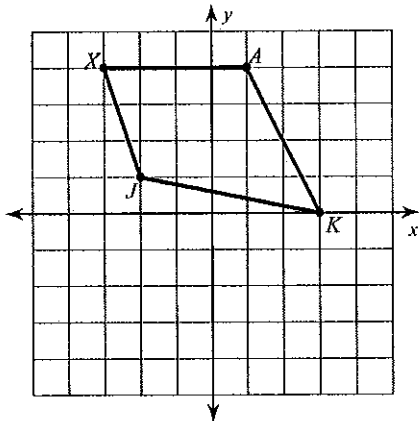


10) dilation of 1.5



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

11) dilation of 0.25



12) dilation of 2.5

