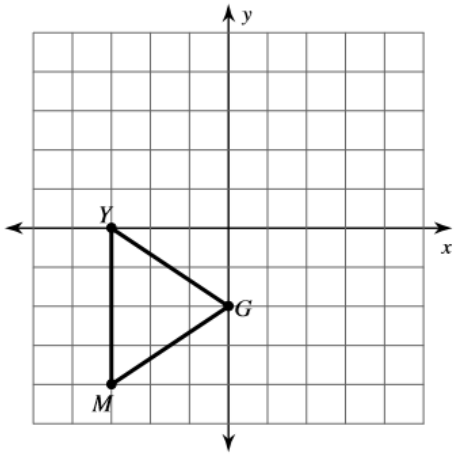
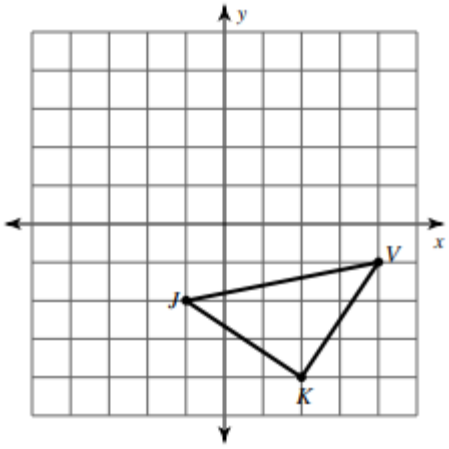
3.1+3.2 Learning Check

For questions 1-2, graph the image under the given transformation. (Note: each grid square is worth 1 unit.)

1. $T_{\langle -1,3 \rangle} \circ T_{\langle 3,2 \rangle}$ 2. $R_{x=1} \circ T_{\langle -2,1 \rangle}$





3. In question #1 above, what single transformation is equivalent to the composition you graphed? **Use Notation!**

3.1+3.2 Learning Check

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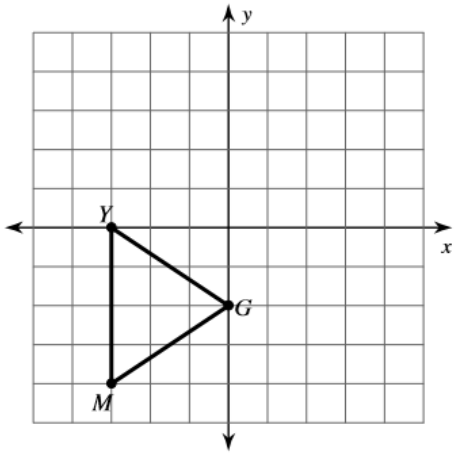
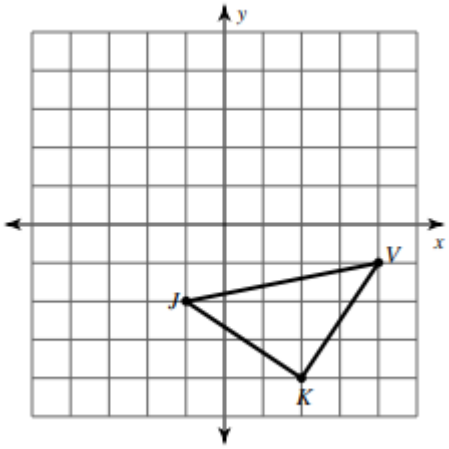
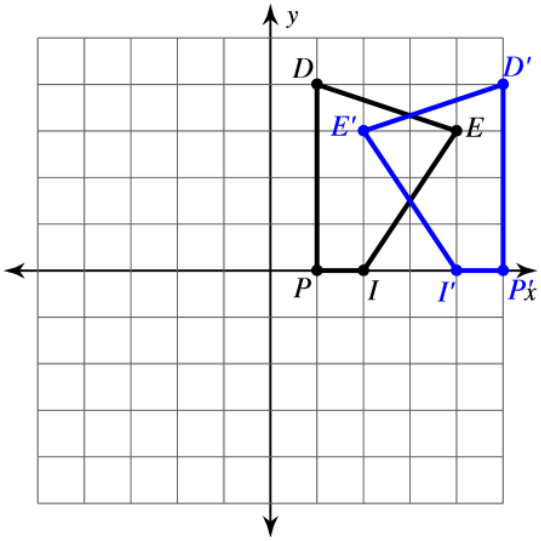




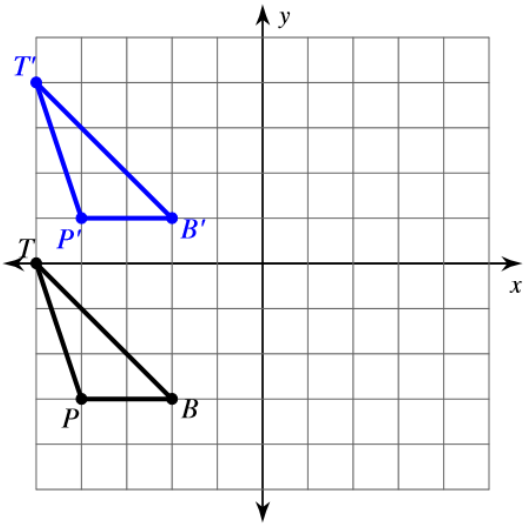
3. In question #1 above, what single transformation is equivalent to the composition you graphed? **Use correct notation!**

For questions 3-4, write a rule for the transformation that is shown. **Use correct notation!**
(Note: each grid square is worth 1 unit.)

3. _____



4. _____



For questions 3-4, write a rule for the transformation that is shown. **Use correct notation!**
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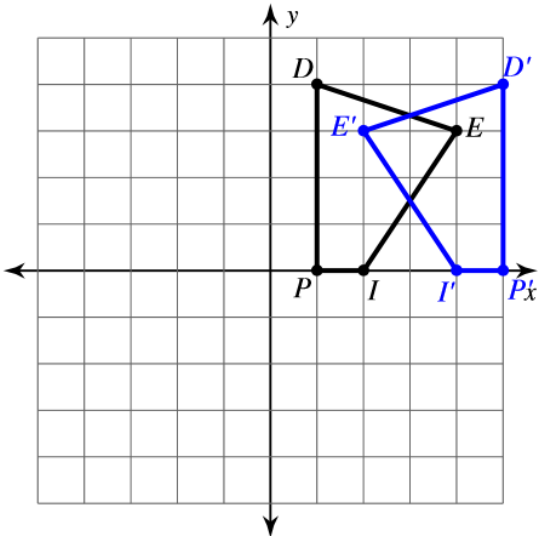
3. _____



4. _____