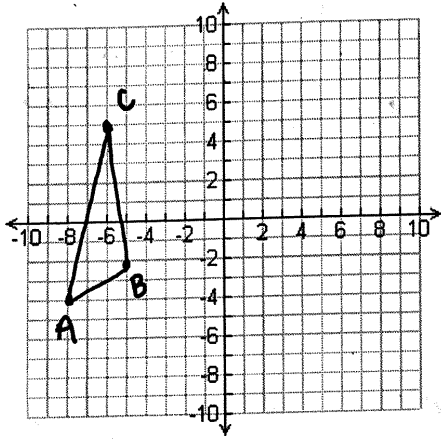


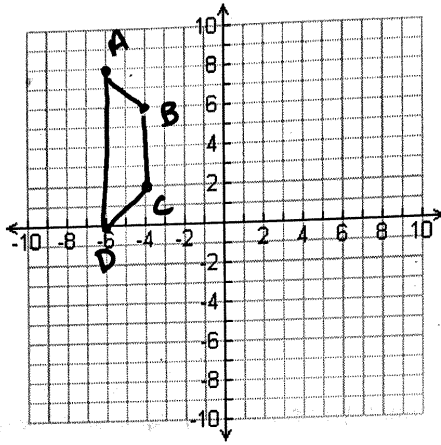
Transformations – Review Worksheet

You must label the vertices of your image! All rotations are around the origin.

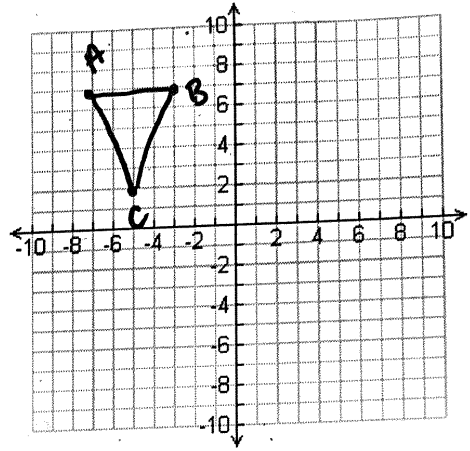
1) $(x, y) \rightarrow (x+3, y-2)$



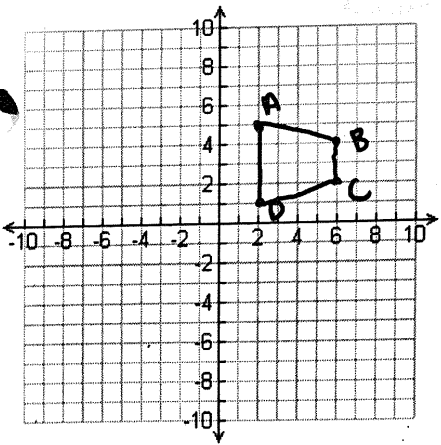
2) Reflect across the line $y = x$



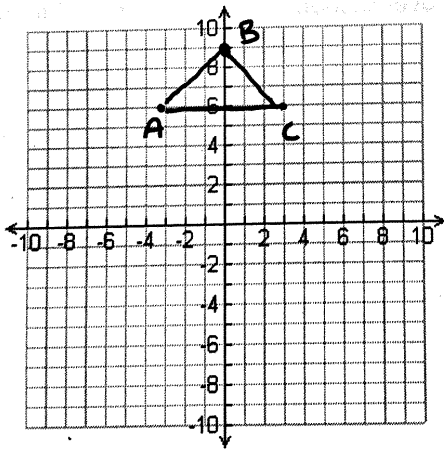
3) Rotate 90° counterclockwise



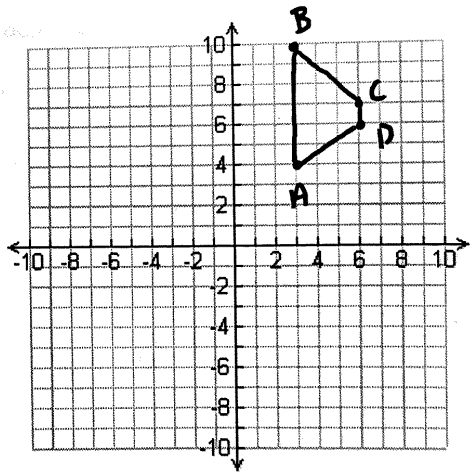
4) Rotate 270° counterclockwise



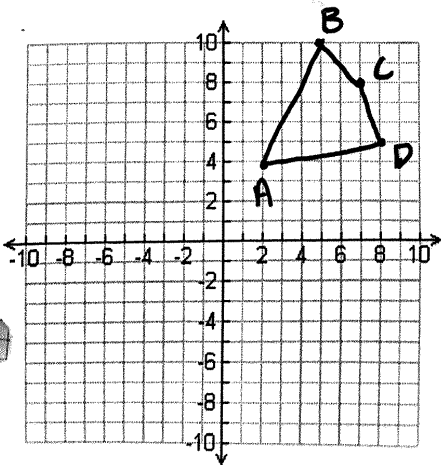
5) Reflect across y -axis



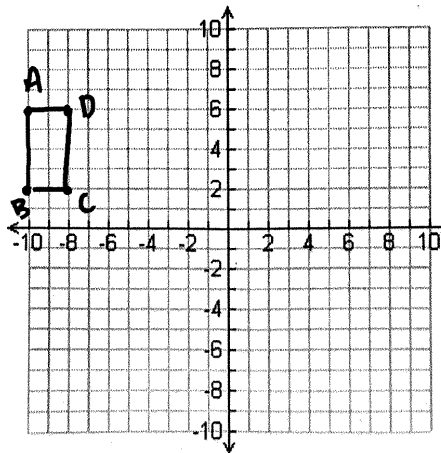
6) Reflect across $y = -x$



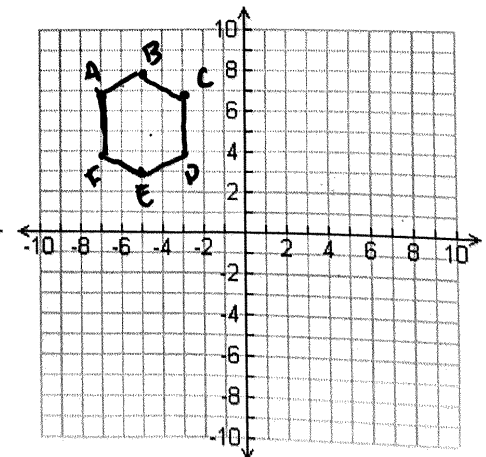
7) $(x, y) \rightarrow (x, y-3)$



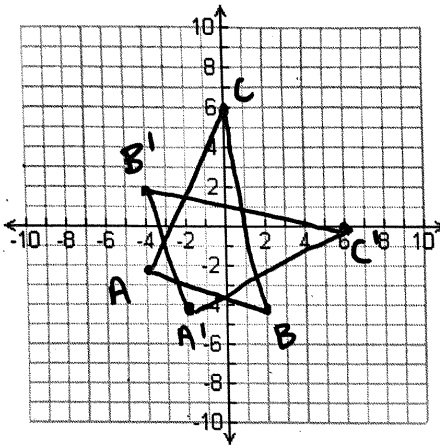
8) Translate by the vector $\langle 8, -4 \rangle$



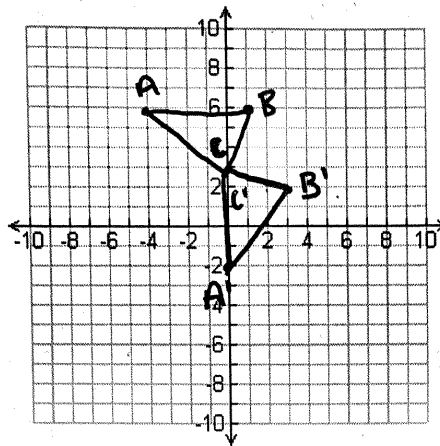
9) Rotate 180°



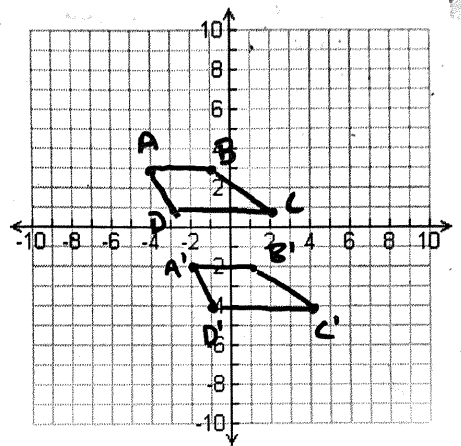
10) What is the equation for the line of reflection?



11) What is the equation for the line of reflection?



12) Write the rule in coordinate notation for the transformation on the graph below.



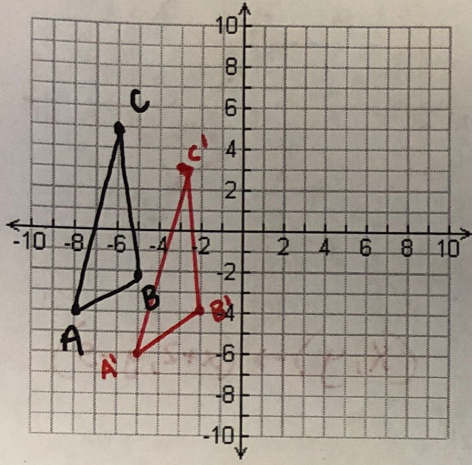
Other things you can do to prepare for the quiz!

1. Look over past homework assignments
2. Review notes and activities from class
3. Look over sections 17.1, 17.2, and 17.3 in the textbook

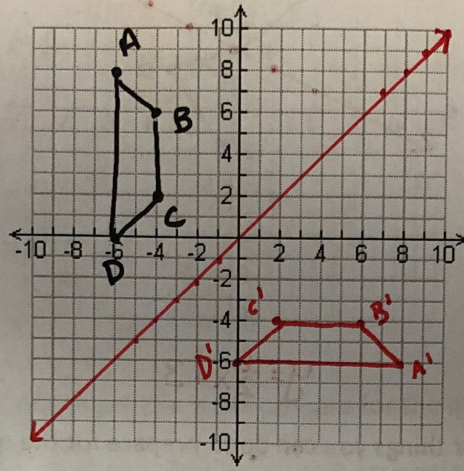
Transformations – Review Worksheet

You must label the vertices of your image! All rotations are around the origin.

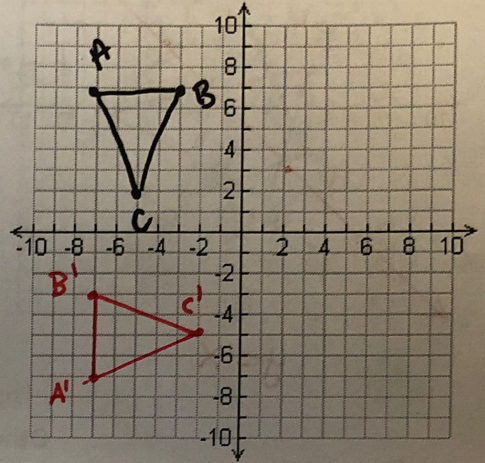
1) $(x, y) \rightarrow (x+3, y-2)$



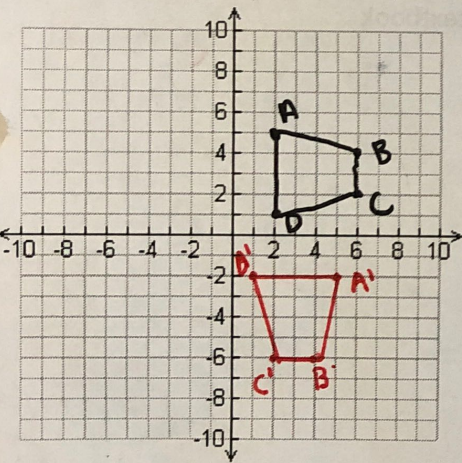
2) Reflect across the line $y = x$



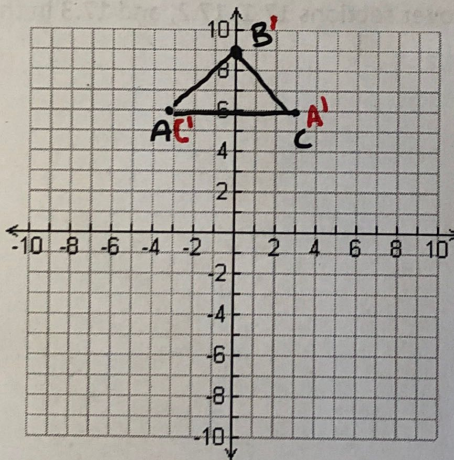
3) Rotate 90° counterclockwise



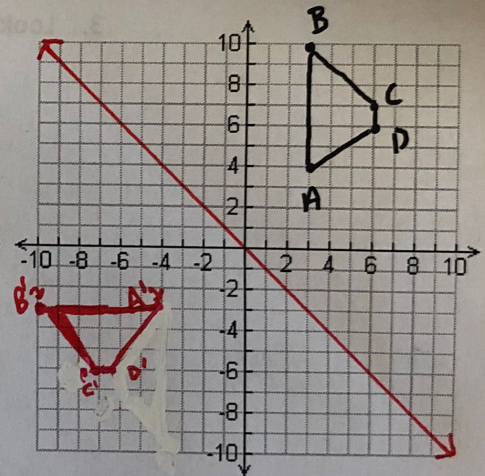
4) Rotate 270° counterclockwise



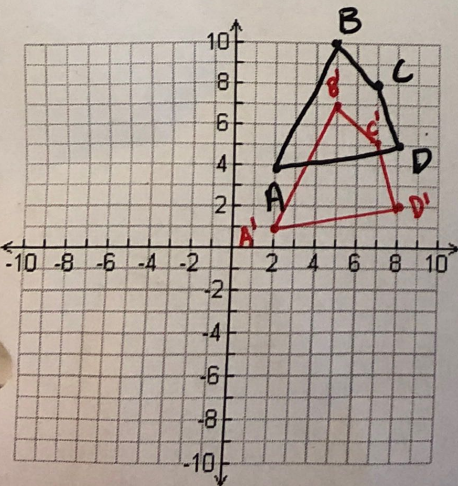
5) Reflect across y -axis



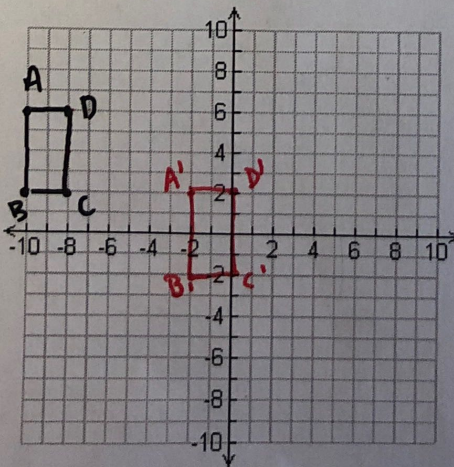
6) Reflect across $y = -x$



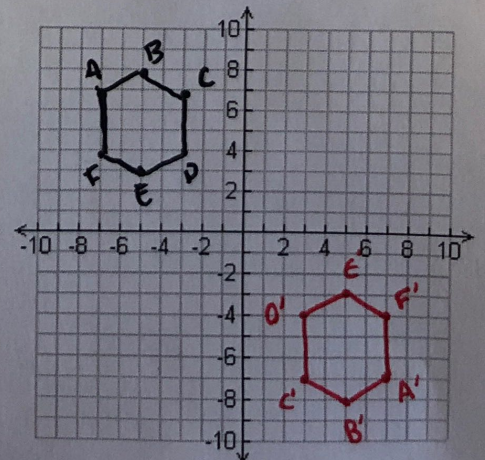
7) $(x, y) \rightarrow (x, y - 3)$



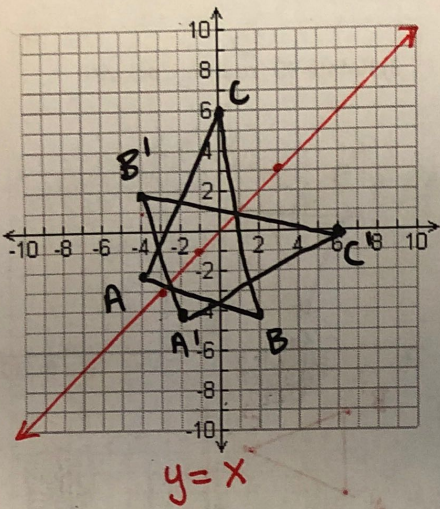
8) Translate by the vector $\langle 8, -4 \rangle$



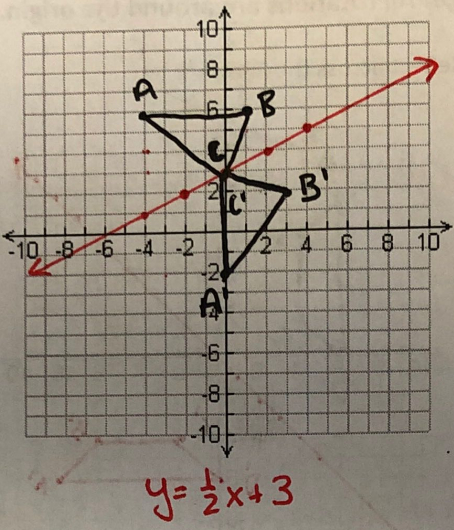
9) Rotate 180°



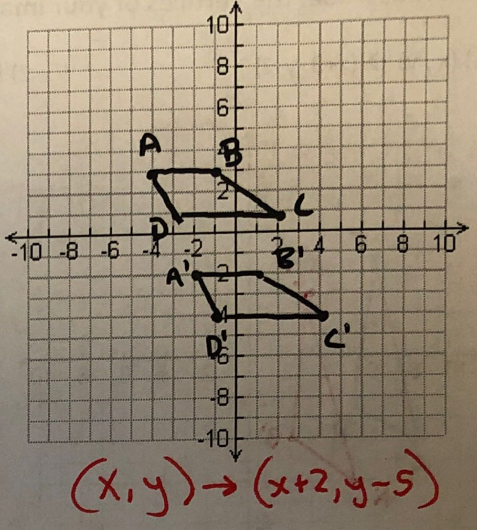
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