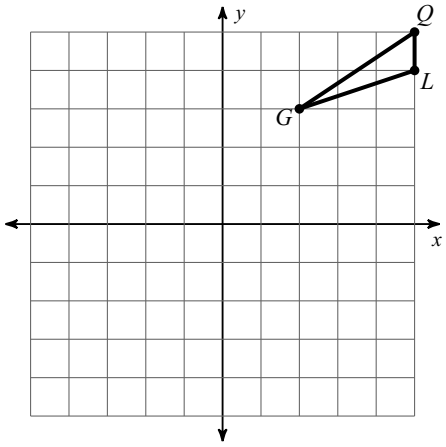
CCSS Geometry Name_____ ID: 1

G2 C Level Test Review

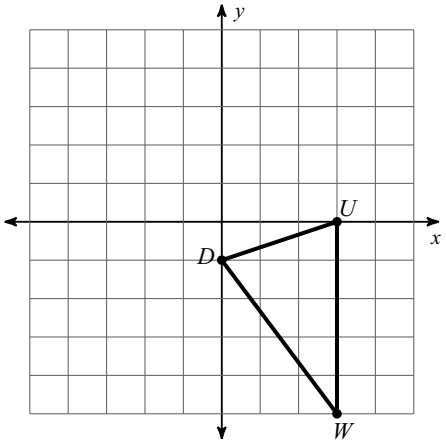
Date_____ Period____

Graph the image of the figure using the transformation given.

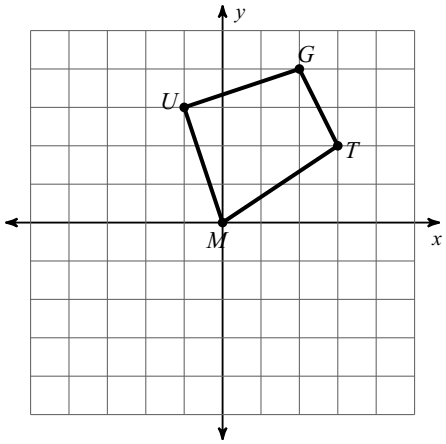
1) translation: 4 units left and 4 units down



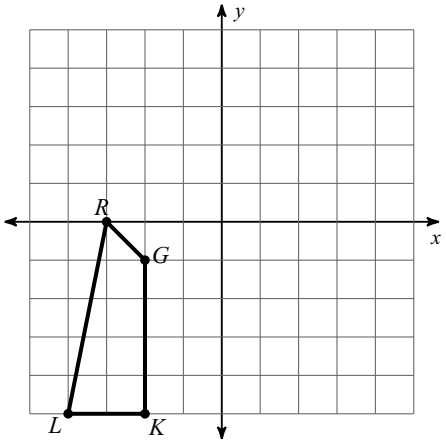
2) translation: 2 units right and 1 unit up



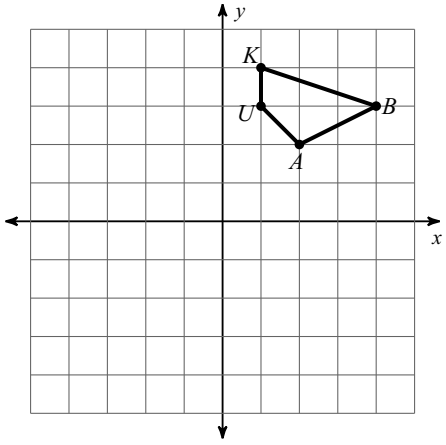
3) reflection across the x-axis



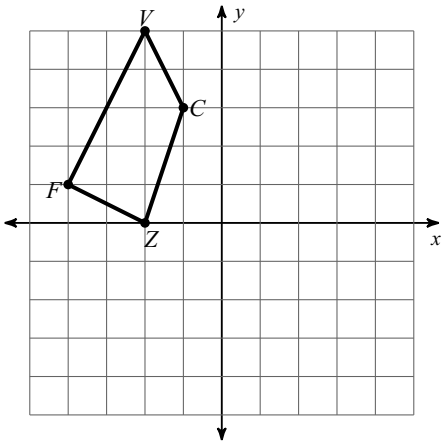
4) reflection across $y = -x$



5) rotation 180° about the origin

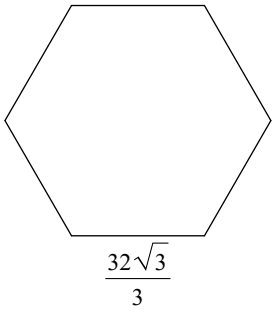


6) rotation 90° counterclockwise about the origin

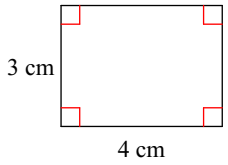


For each shape below, draw all lines of reflectional symmetry.

7)

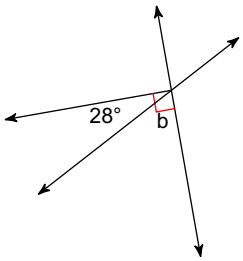


8)

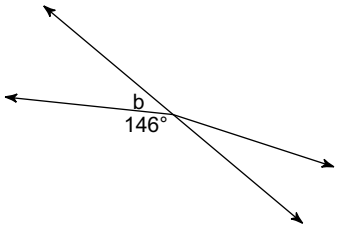


Find the measure of angle b.

9)

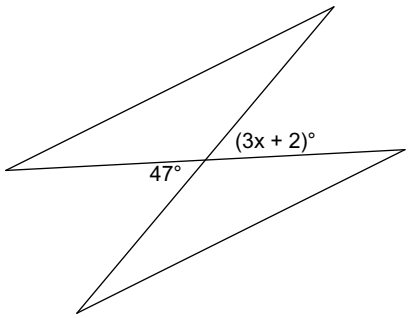


10)

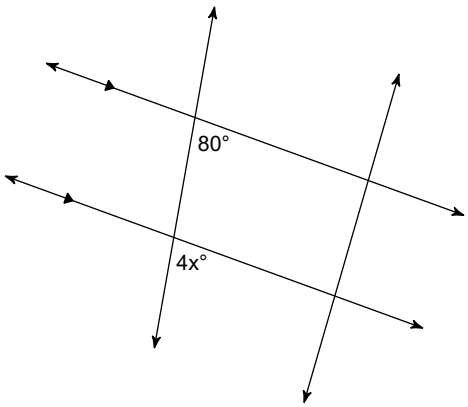


Find the value of x.

11)

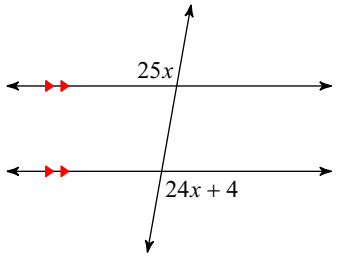


12)

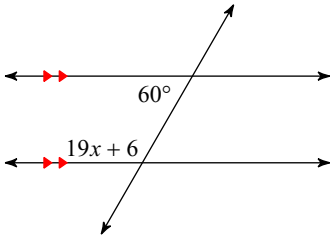


Solve for *x*.

13)



14)



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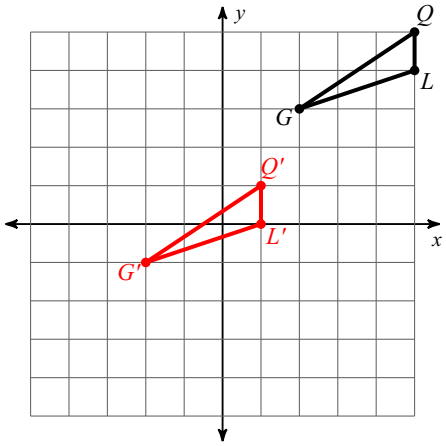

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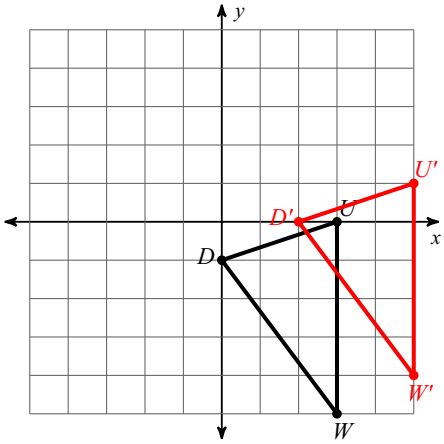
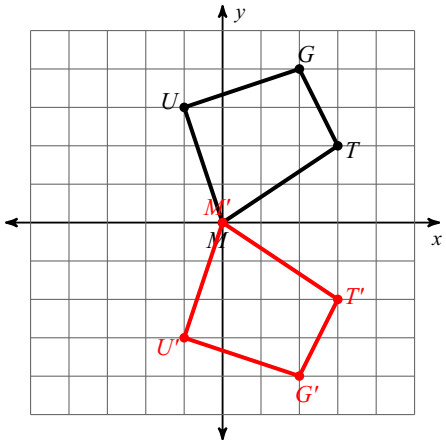


3) reflection across the x-axis



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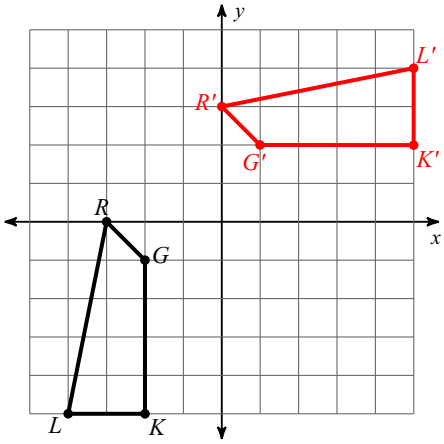
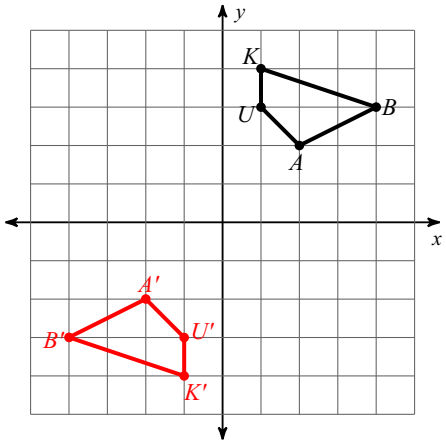
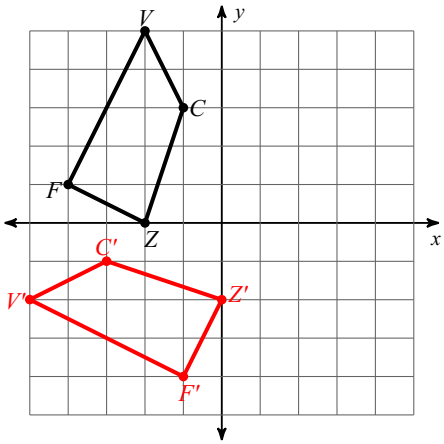


5) rotation 180° about the origin



6) rotation 90° counterclockwise about the origin



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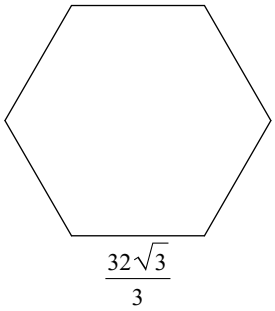
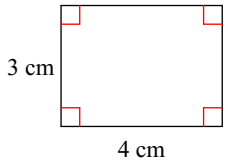


886.8

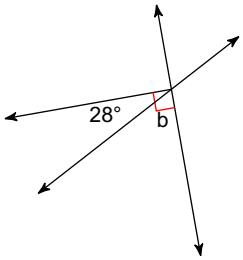
8)



12 cm²

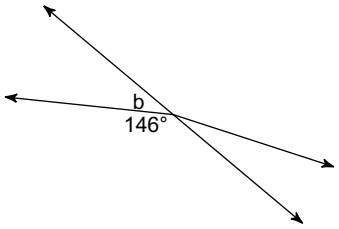
Find the measure of angle b.

9)



62°

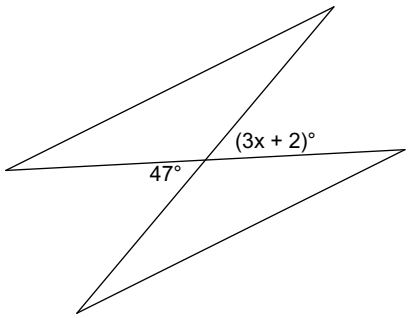
10)



34°

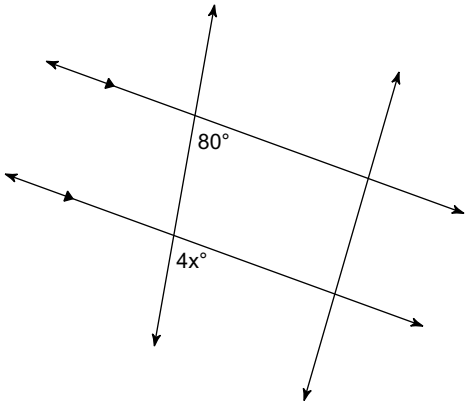
Find the value of x.

11)



15

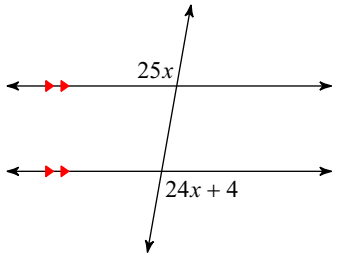
12)



20

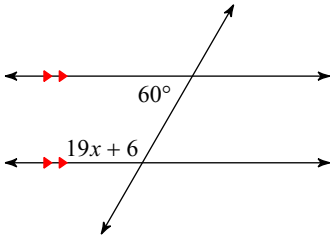
Solve for *x*.

13)



4

14)



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