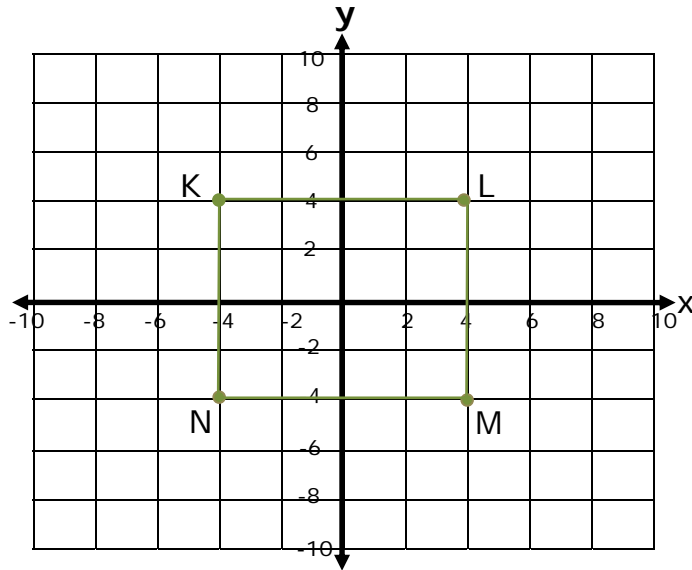


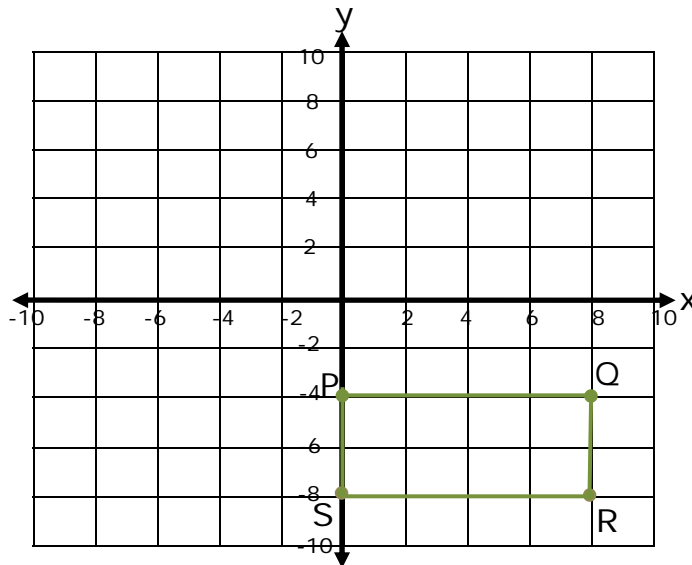
Dilations and Scale Factors - Independent Practice Worksheet

Complete all the problems.

1. Graph the image of rectangle KLMN after dilation with a scale factor of 2, centered at the origin.



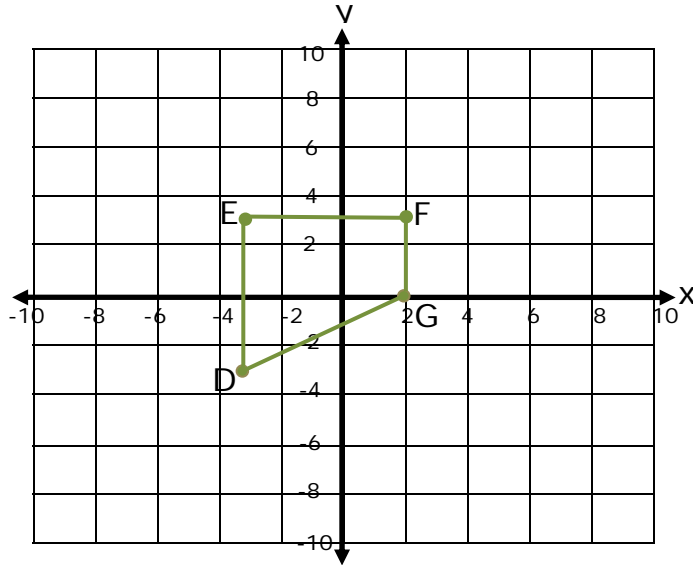
2. Graph the image of rectangle PQRS after a dilation with a scale factor of $1/4$, centered at the origin.



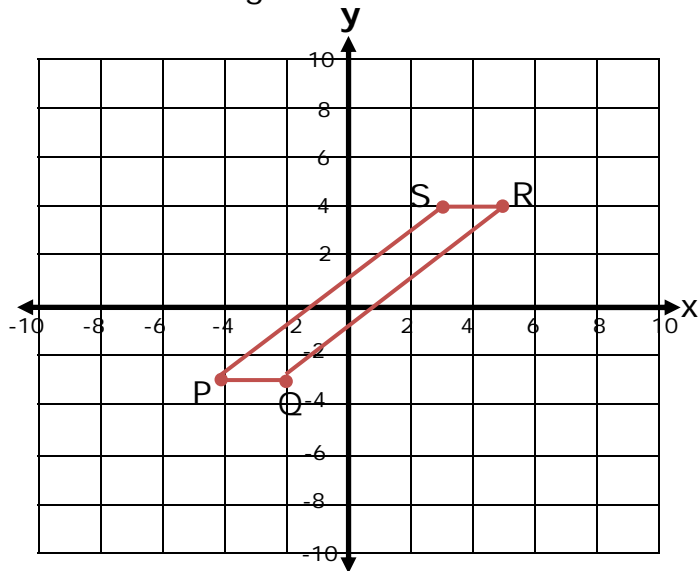
Name _____

Date _____

3. Graph the image of quadrilateral EFGD after a dilation with a scale factor of 3, centered at the origin.



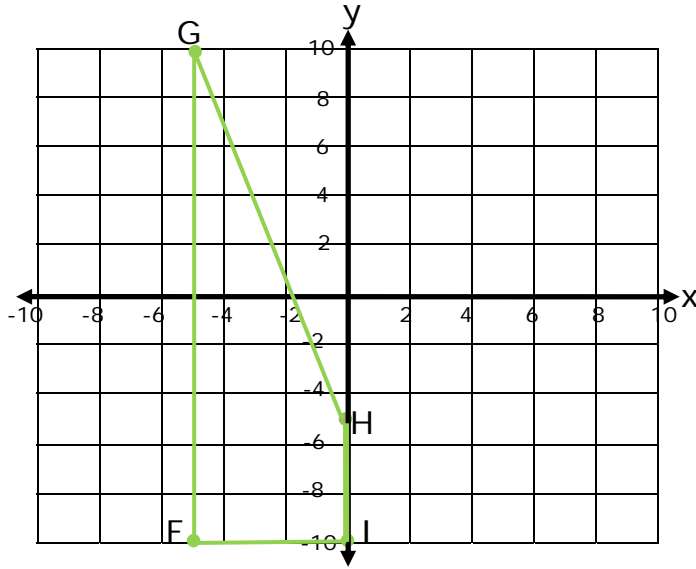
4. Graph the image of quadrilateral PQRS after a dilation with a scale factor of 2, centered at the origin.



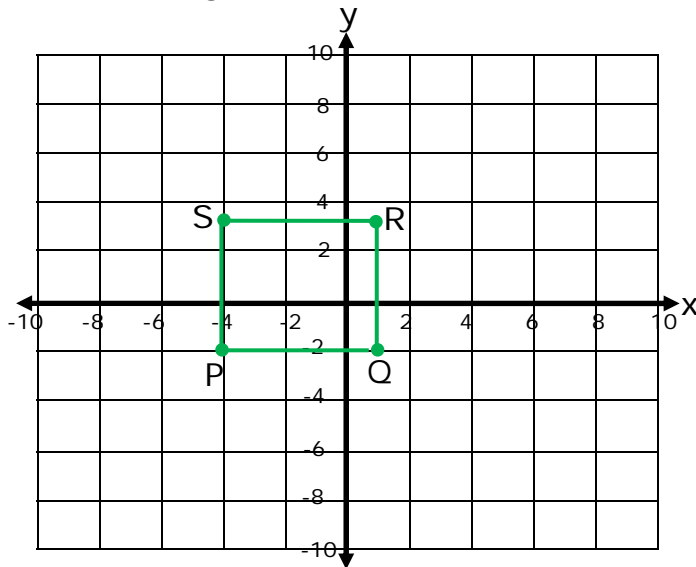
Name _____

Date _____

5. Graph the image of quadrilateral FGHI after a dilation with a scale factor of $\frac{1}{5}$, centered at the origin.



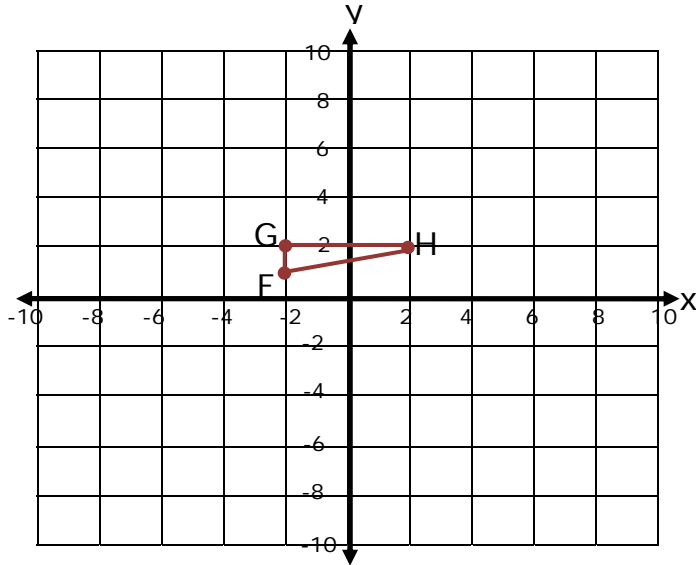
6. Graph the image of rectangle PQRS after a dilation with a scale factor of 2, centered at the origin.



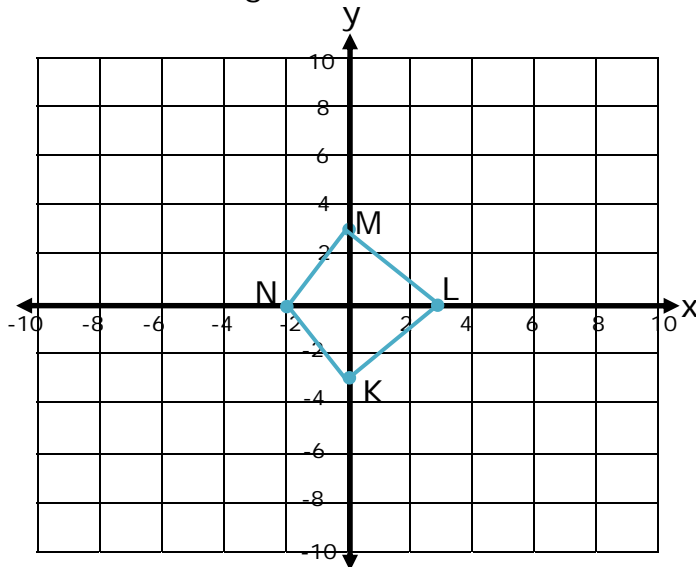
Name _____

Date _____

7. Graph the image of triangle FGH after a dilation with a scale factor of 5, centered at the origin.



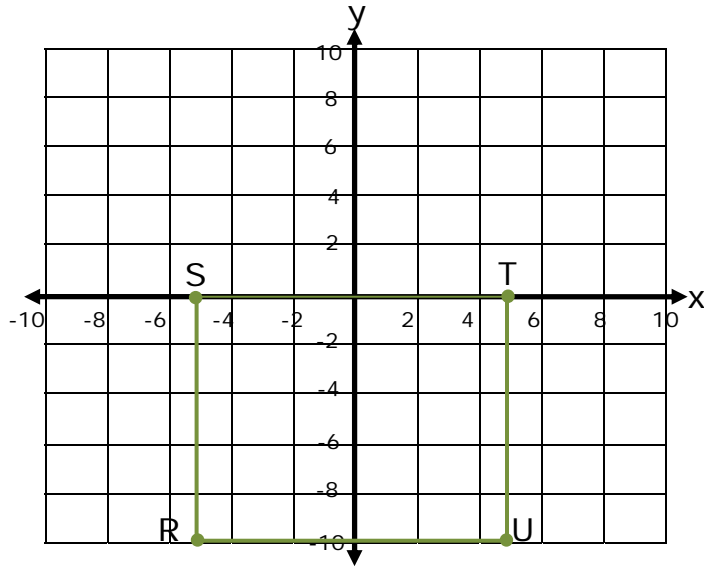
8. Graph the image of quadrilateral KLMN after a dilation with a scale factor of 3, centered at the origin.



Name _____

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9. Graph the image of rectangle RSTU after a dilation with a scale factor of $\frac{1}{5}$, centered at the origin.



10. Graph the image of quadrilateral ABCD after a dilation with a scale factor of 5, centered at the origin.

