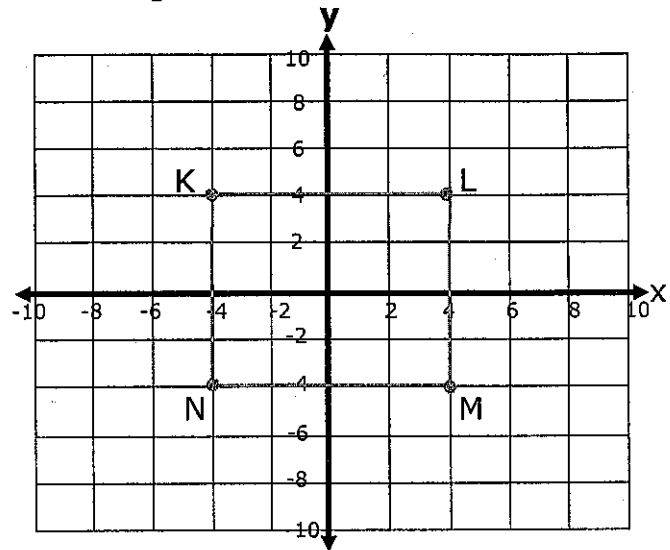


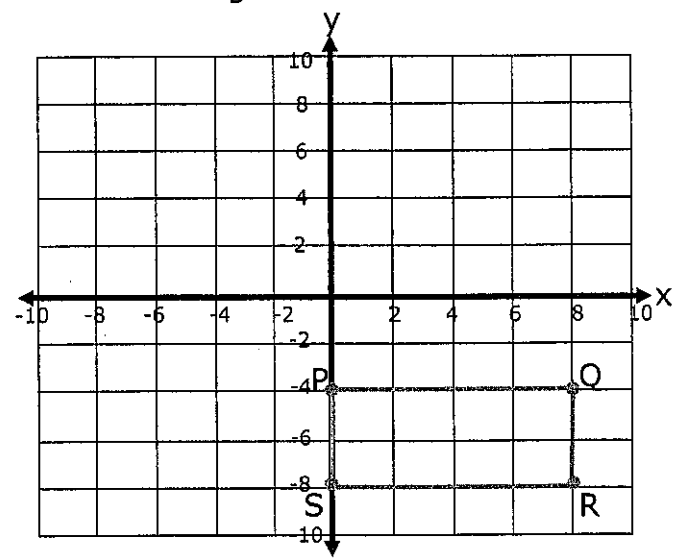
Dilations and Scale Factors - Independent Practice Worksheet

Complete all the problems. Write the coordinates of all points.

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



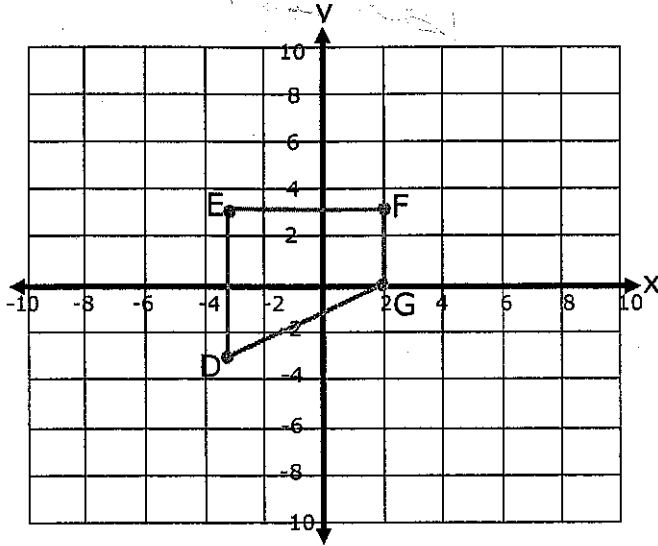
2. Graph the image of rectangle PQRS after a dilation with a scale factor of 1/4, centered at the origin.



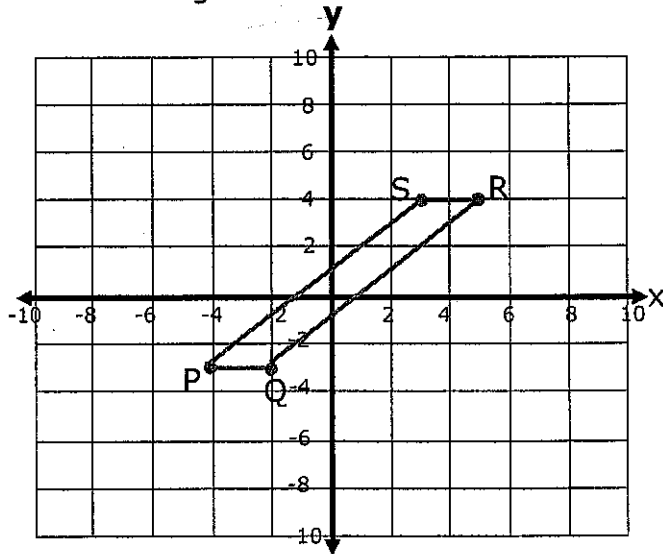
Name _____

Date _____

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



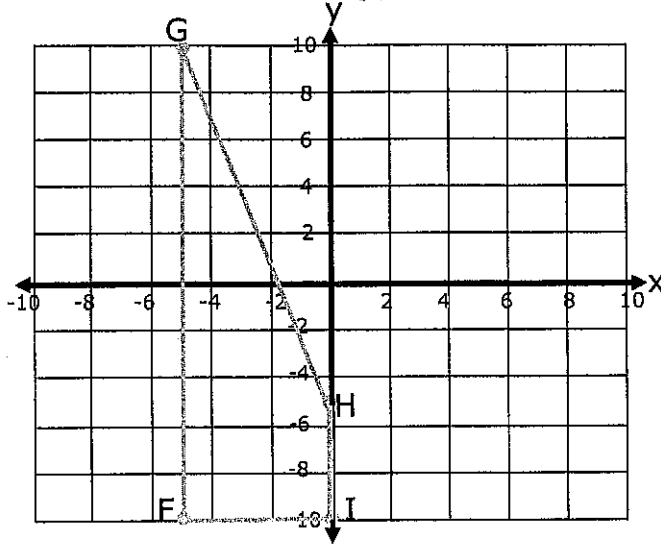
4. Graph the image of polygon PQRS after a dilation with a scale factor of 2, centered at the origin.



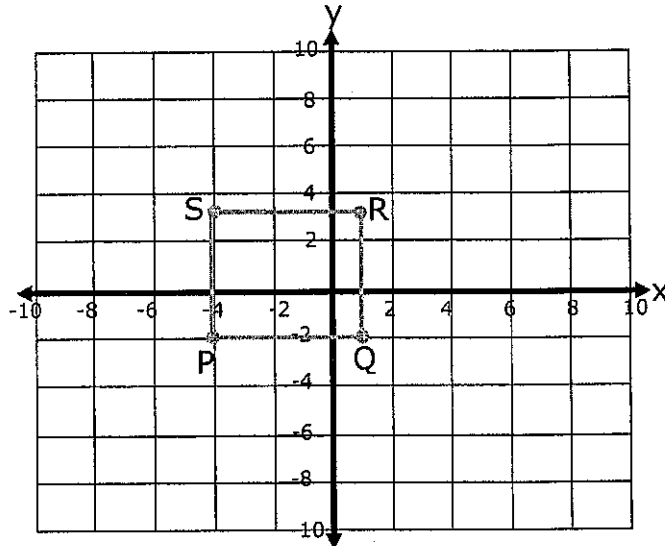
Name _____

Date _____

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



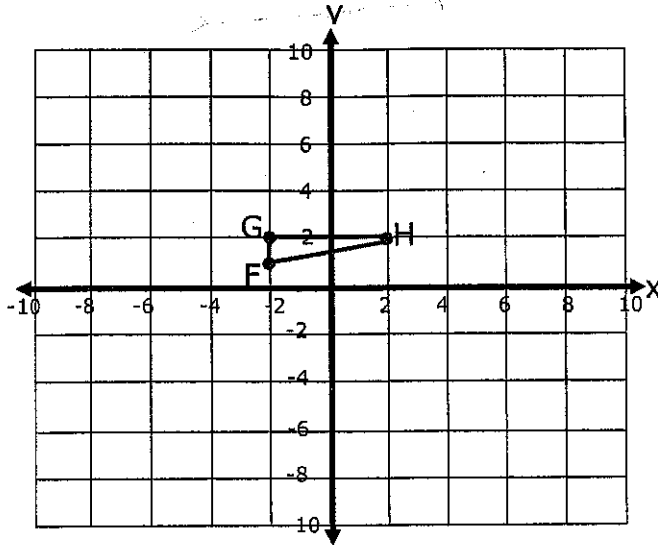
6. Graph the image of rectangle PQRS after a dilation with a scale factor of 2, centered at the origin.



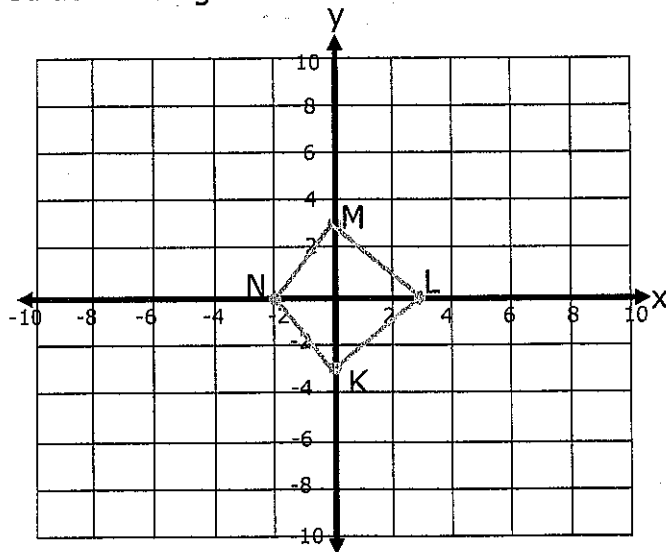
Name _____

Date _____

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



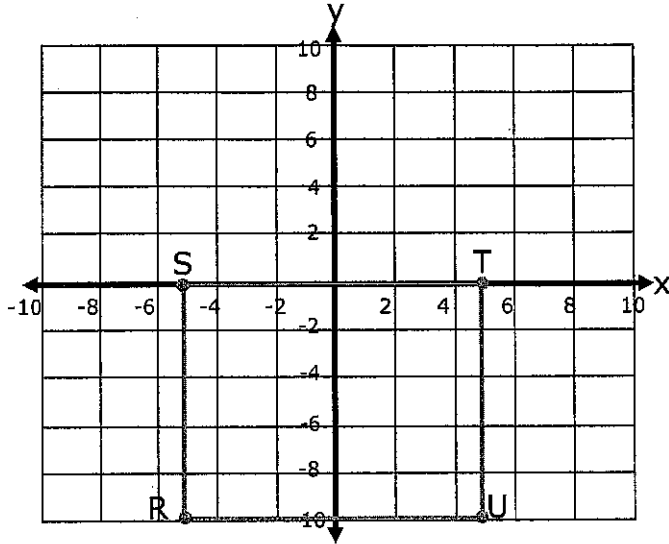
8. Graph the image of polygon $KLMN$ after a dilation with a scale factor of 3, centered at the origin.



Name _____

Date _____

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 trapezoid ABCD after a dilation with a scale factor of 5, centered at the origin.

