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

4. Graph the image of rectangle PQRS after a dilation with a scale factor of 2, centered at the origin.
5. Graph the image of rectangle FGHI after a dilation with a scale factor of 1/5, centered at the origin.

![Graph of rectangle FGHI after dilation]

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

![Graph of rectangle PQRS after dilation]
7. Graph the image of rectangle FGH after a dilation with a scale factor of 5, centered at the origin.

8. Graph the image of rectangle KLMN after a dilation with a scale factor of 3, centered at the origin.
9. Graph the image of rectangle RSTU after a dilation with a scale factor of 1/5, centered at the origin.

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