





**Dilation Problems**

|  |
| --- |
| 8.        An L-shaped polygon is shown on the coordinate grid. Draw the dilation of this polygon after multiplying each coordinate by 1/2. List all of the coordinates of the new image after dilation.      9.  Avery graphed the larger quadrilateral and then created a dilation to give him the smaller quadrilateral. How would you describe this dilation? Be clear and complete.  Avery thinks his new quadrilateral is one-half the original. Is he correct? Explain completely. |