**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**GCC Geometry Unit #5 Day 8 Similarity and Dilations**

1. **Graph the image of quadrilateral PQRS after DOrigin, ½**
2. **Graph the image of quadrilateral PQRS after D(-6, 4), ½**



**2)** a) **What is the scale factor of this dilation?** \_\_\_\_\_\_\_\_\_

 b) **Rewrite with a positive scale factor as a
 composition of transformations.**



**3)**



**4) D(-3, -3) E(-3, 3) F(2,3) G(2,0)**

**a) Graph the image of quadrilateral DEFG after DOrigin,3**

1. **Graph the image of quadrilateral DEFG after DOrigin,-2**





**5)**



**6)**