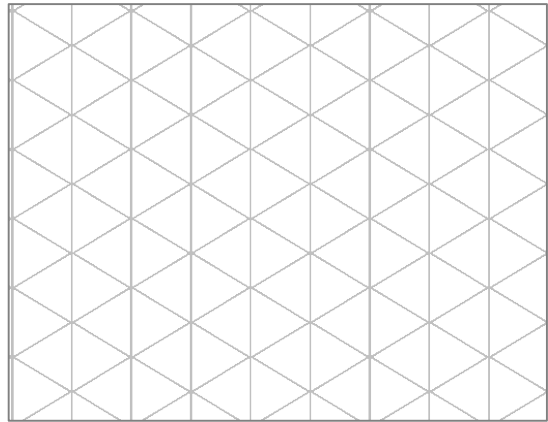


Name \_\_\_\_\_

Date \_\_\_\_\_

1. a. Draw a kite that is not a parallelogram on the grid paper.

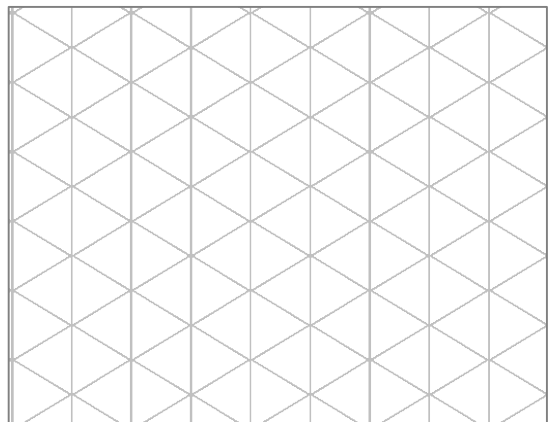
b. List all the properties of a kite.



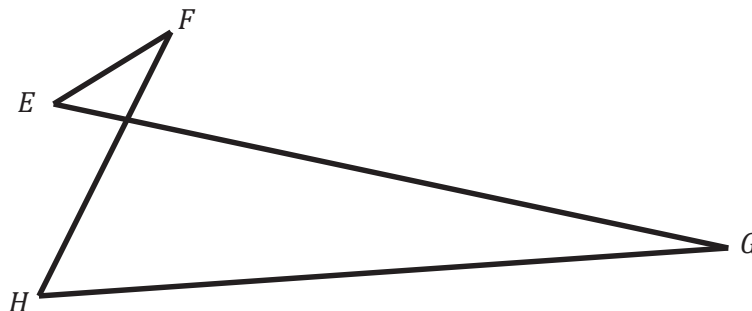
c. When can a parallelogram also be a kite?

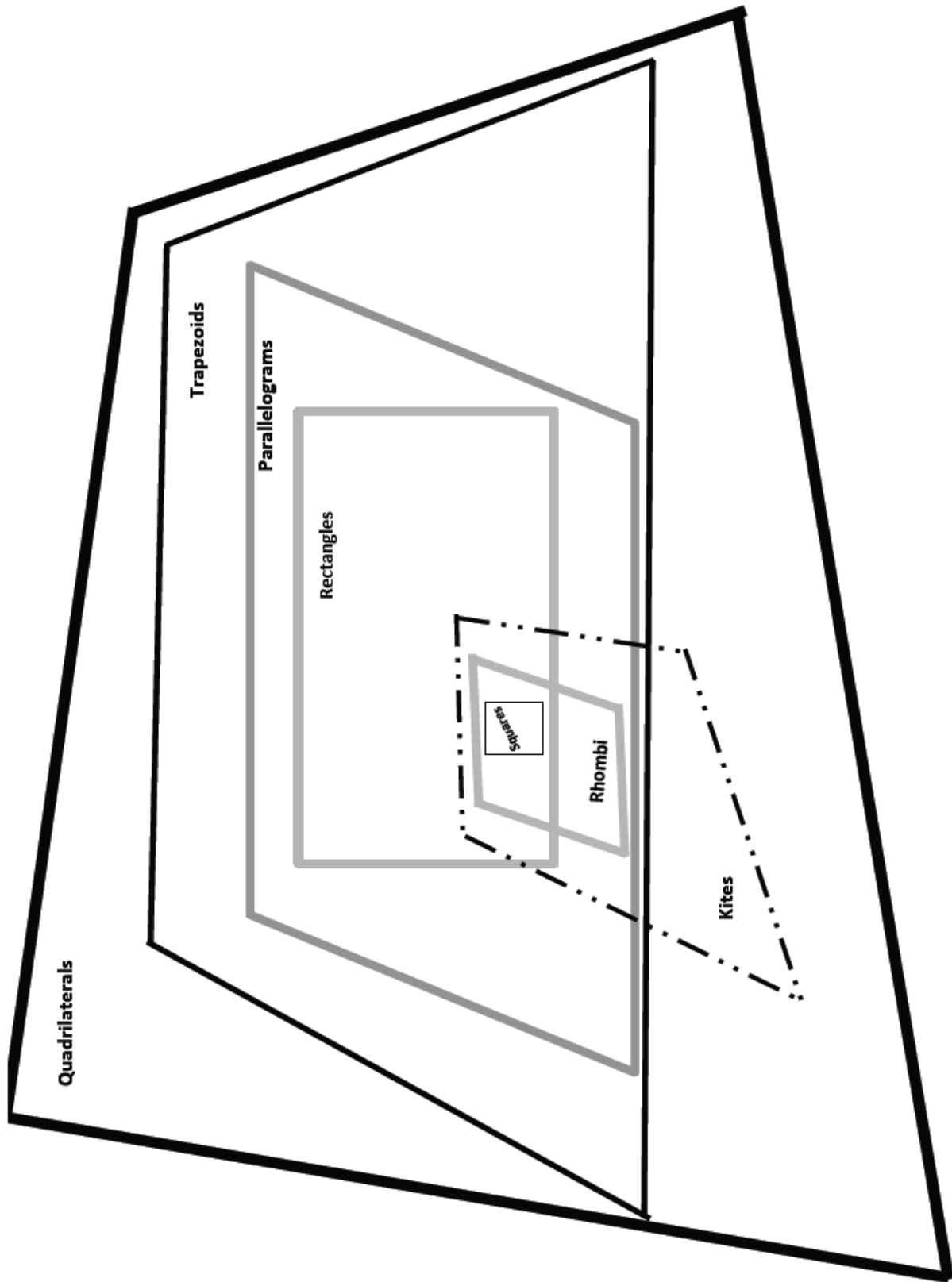
2. If rectangles must have right angles, explain how a rhombus could also be called a rectangle.

3. Draw a rhombus that is also a rectangle on the grid paper.



4. Kirkland says that figure  $EFGH$  below is a quadrilateral because it has four points in the same plane and four segments with no three endpoints collinear. Explain his error.





quadrilateral hierarchy with kite