

Lesson 1.6 • Special Quadrilaterals

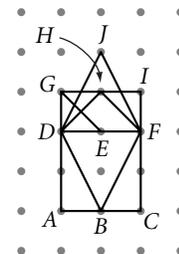
Name _____ Period _____ Date _____

For Exercises 1–6, sketch, label, and mark each figure.

1. Parallelogram $PGRA$
2. Square $SQRE$
3. Rhombus $RHOM$ with acute $\angle H$.
4. Trapezoid $TRAP$ with $\overline{TR} \parallel \overline{AP}$, $\overline{RE} \perp \overline{PA}$, and $P, E,$ and A collinear.
5. Kite $KITE$ with $EK = KI$ and obtuse $\angle K$.
6. Rectangle $RANG$ with perimeter $2a + 4b$

For Exercises 7–10, name each polygon in the figure. Assume that the grid is square.

7. Square
8. Parallelogram
9. Rhombus
10. Kite



For Exercises 11–13, use the graph at right.

11. Locate D so that $ABCD$ is a rectangle.
12. Locate E so that $ABCE$ is a trapezoid.
13. Locate G so that points $A, B, C,$ and G determine a parallelogram that is not a rectangle.

