

Name _____

Date _____

1. Answer the questions by checking the box.

- a. Is a square a rectangle?
- b. Is a rectangle a kite?
- c. Is a rectangle a parallelogram?
- d. Is a square a trapezoid?
- e. Is a parallelogram a trapezoid?
- f. Is a trapezoid a parallelogram?
- g. Is a kite a parallelogram?

Sometimes **Always**

- h. For each statement that you answered with *sometimes*, draw and label an example that justifies your answer.

2. Use what you know about quadrilaterals to answer each question below.

- a. Explain when a trapezoid is not a parallelogram. Sketch an example.
- b. Explain when a kite is not a parallelogram. Sketch an example.