

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

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.

<p>Task 1: Draw a trapezoid with a right angle.</p>	<p>Task 2: Draw a rectangle with a length that is twice its width.</p>	<p>Task 3: Draw a quadrilateral with 2 pairs of equal sides and no parallel sides.</p>
<p>Task 4: Draw a rhombus with right angles.</p>	<p>Task 5: Draw a parallelogram with two pairs of perpendicular sides.</p>	<p>Task 6: Draw a rhombus with 4 equal angles.</p>

task cards (1–6)

<p>Task 7: Draw a quadrilateral with four equal sides.</p>	<p>Task 8: Draw a parallelogram with right angles.</p>	<p>Task 9: Draw a parallelogram with a side of 4 cm and a side of 6 cm.</p>
<p>Task 10: Draw an isosceles trapezoid.</p>	<p>Task 11: Draw a parallelogram with no right angles.</p>	<p>Task 12: Draw a rectangle that is also a rhombus.</p>

task cards (7–12)

<p>Task 13: Draw a quadrilateral that has at least one pair of equal opposite angles.</p>	<p>Task 14: Draw a quadrilateral that has only one pair of equal opposite angles.</p>	<p>Task 15: Draw a trapezoid with four right angles.</p>
<p>Task 16: Draw a kite that is also a parallelogram.</p>	<p>Task 17: Draw a parallelogram with a 60° angle.</p>	<p>Task 18: Draw a rectangle that is not a rhombus.</p>

task cards (13–18)

<p>Task 19: Draw a rhombus that is not a rectangle.</p>	<p>Task 20: Draw a parallelogram that is not a rectangle.</p>	<p>Task 21: Draw a kite that is not a parallelogram.</p>
<p>Task 22: Draw a quadrilateral whose diagonals bisect each other at a right angle.</p>	<p>Task 23: Draw a trapezoid that is not a parallelogram.</p>	<p>Task 24: Draw a quadrilateral whose diagonals do not bisect each other.</p>

task cards (19–24)