

Quadrilaterals

Name: _____

Polygon: A closed figure with three or more straight sides

Quadrilateral: A polygon with four sides

Parallelogram: A quadrilateral with two sets of parallel sides

Rectangle: A parallelogram with four right angles

Square: A rectangle with four congruent sides

Rhombus: A parallelogram with four congruent sides

Trapezoid: A quadrilateral with exactly one set of parallel sides

Fill in each blank below with either: **is always** **can be** *or* **is never**

- 1) A square _____ a parallelogram.
- 2) A parallelogram _____ a square.
- 3) A polygon _____ a rectangle.
- 4) A rectangle _____ a polygon.
- 5) A rhombus _____ a square.
- 6) A square _____ a rhombus.
- 7) A trapezoid _____ a parallelogram.
- 8) A parallelogram _____ a trapezoid.
- 9) A polygon _____ a rhombus.
- 10) A rhombus _____ a polygon.
- 11) A square _____ a rectangle.
- 12) A rectangle _____ a square.
- 13) A trapezoid _____ a quadrilateral.
- 14) A quadrilateral _____ a trapezoid.
- 15) A polygon _____ parallelogram.
- 16) A parallelogram _____ a polygon.
- 17) A rectangle _____ quadrilateral.