



## Drawing Quadrilaterals by Properties

Grade 5

Name: \_\_\_\_\_

Read the properties. Draw the matching quadrilateral in the space provided.

A **quadrilateral** is any shape with 4 sides. Use the properties listed to figure out which shape to draw — check for right angles ( $90^\circ$ ), parallel sides, and equal sides.

**Example: Properties:** 4 right angles, opposite sides equal → Draw a **rectangle**

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|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <p>(1) Draw a quadrilateral where all four sides are equal, and opposite angles are equal.</p> <p>_____</p>     | <p>(2) Draw a quadrilateral with four interior angles of 90 degrees and adjacent sides of different lengths.</p> <p>_____</p> |
| <p>(3) Draw a quadrilateral that has only one line of symmetry and one pair of parallel sides.</p> <p>_____</p> | <p>(4) Draw a quadrilateral with opposite sides parallel and equal in length, and no angle is 90 degrees.</p> <p>_____</p>    |



(5) Draw a quadrilateral with four congruent sides and four congruent angles.

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(6) Draw a quadrilateral with exactly one pair of parallel sides, and non-parallel sides are not equal.

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