

Name \_\_\_\_\_

Date \_\_\_\_\_

## The Attributes of Two-Dimensional Figures - Step-by-Step Lesson

**Draw shapes that match all these criteria and name the shape.**

1. Four sides of equal length: four right angles.
2. Four sides: opposite sides equal, four right angles.
3. Four sides: opposite sides equal, no sides perpendicular.
4. Four sides: all sides equal, no sides perpendicular.
5. Four side: exactly two sides parallel.
6. Four sides: no parallel sides

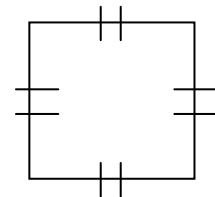
### Explanation:

Step 1) First see what is being asked.

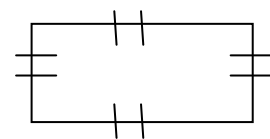
Step 2) Now read the sentences and answer them with diagrams that match the description.

Step 3)

1. A SQUARE all sides are equal and have right angles.



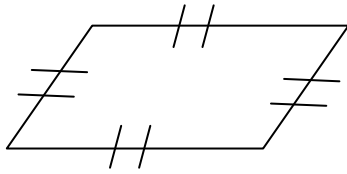
2. A RECTANGLE has 4 sides and opposites are equal.



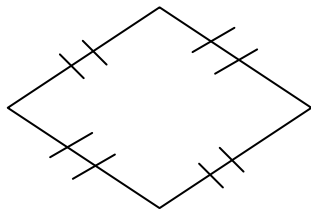
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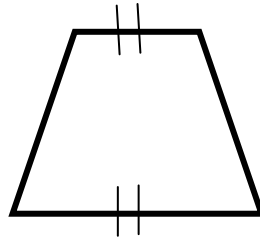
3. A PARALLELOGRAM has 4 sides, opposite sides are equal, and no sides are perpendicular.



4. A RHOMBUS has 4 sides where all sides equal and no sides are perpendicular.



5. A TRAPEZOID has 4 sides and exactly two sides are parallel.



6. A TRAPEZIUM 4 sides that has no parallel sides.

