

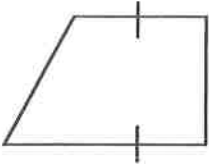

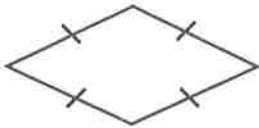
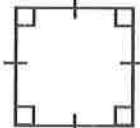
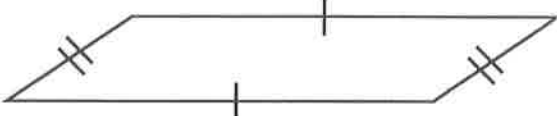
NAME _____

DATE _____






Classifying & Drawing Quadrilaterals page 1 of 2

A quadrilateral is any polygon that has 4 sides. There are many kinds of quadrilaterals, including these:

<p>Trapezoid: a quadrilateral with exactly 1 pair of parallel sides</p> 	<p>Rectangle: a quadrilateral with 2 pairs of parallel sides and 4 right angles</p> 
<p>Rhombus: a quadrilateral with 4 sides that are all the same length</p> 	<p>Square: a quadrilateral with 4 right angles and 4 sides that are all the same length</p> 
<p>Parallelogram: a quadrilateral with 2 pairs of parallel sides</p> 	

1 Look carefully at the figures below. Decide how many right angles, pairs of congruent sides, and pairs of parallel sides each has. Then circle the word or words that say what kind of figure it is. You might circle more than one word for some figures.

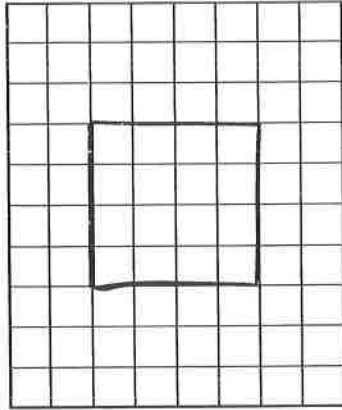
Figure	Right Angles?	Pairs of Congruent Sides?	Pairs of Parallel Sides?	Circle the word(s) that describe(s) the figure.
<p>a</p> 				trapezoid rectangle rhombus square parallelogram
<p>b</p> 				trapezoid rectangle rhombus square parallelogram
<p>c</p> 				trapezoid rectangle rhombus square parallelogram

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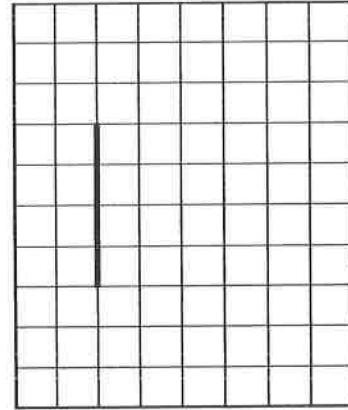
Classifying & Drawing Quadrilaterals page 2 of 2

2 Start with the same line each time to draw the different shapes named below.

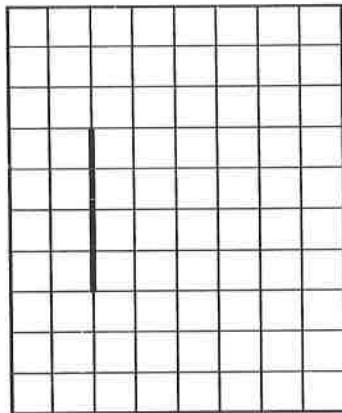
ex square



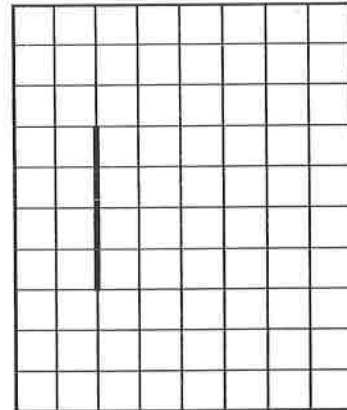
a Parallelogram that is not a rhombus or rectangle



b Trapezoid



c Rectangle that is not a square



3 CHALLENGE Which of your shapes above has the largest area? How can you tell?