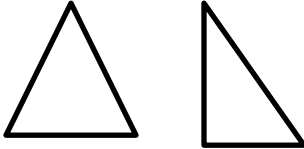
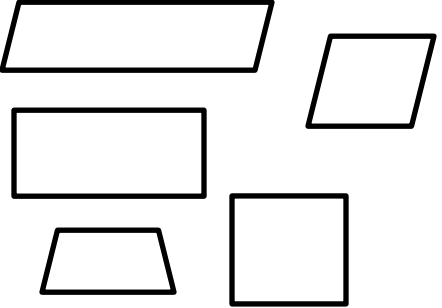
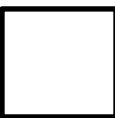

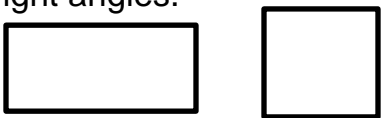
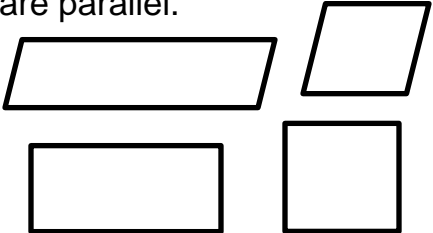

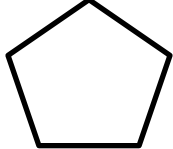
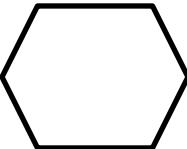
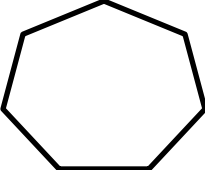
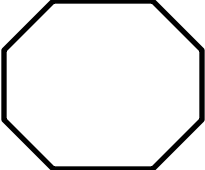
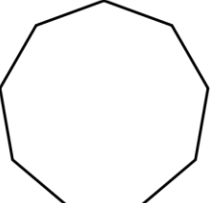
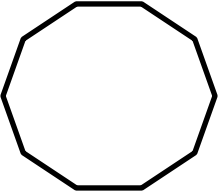


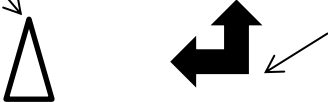



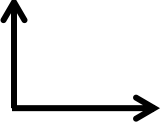

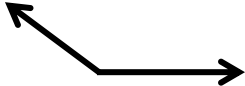
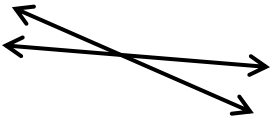
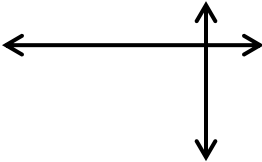
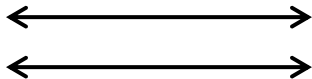


Geometry Study Guide

SHAPES

<p><u>Polygon</u></p> <p>A polygon is a closed plane geometric figure composed of at least three line segments that do not cross. None of the sides are curved.</p>	<p><u>Triangle</u></p> <p>3-sided shape</p> 	<p><u>Quadrilateral</u></p> <p>Any polygon with 4-sides</p> 
<p><u>Square</u></p> <p>A special rectangle with 4 sides that are exactly the same length, and 4 right angles.</p> 	<p><u>Rhombus</u></p> <p>A quadrilateral with 4 sides that are exactly the same length, and 2 sets of parallel lines.</p> 	<p><u>Rectangle</u></p> <p>A quadrilateral with opposite sides being the same length and parallel. Also it has 4 right angles.</p> 
<p><u>Parallelogram</u></p> <p>A quadrilateral with opposite sides the same length and are parallel.</p> 	<p><u>Trapezoid</u></p> <p>A quadrilateral with only 1 set of parallel lines.</p> 	<p><u>Pentagon</u></p> <p>A polygon with 5-sides</p> 
<p><u>Hexagon</u></p> <p>A polygon with 6-sides</p> 	<p><u>Heptagon or Septagon</u></p> <p>A polygon with 7-sides</p> 	<p><u>Octagon</u></p> <p>A polygon with 8-sides</p> 
<p><u>Nonagon</u></p> <p>A polygon with 9-sides</p> 	<p><u>Decagon</u></p> <p>A polygon with 10-sides</p> 	

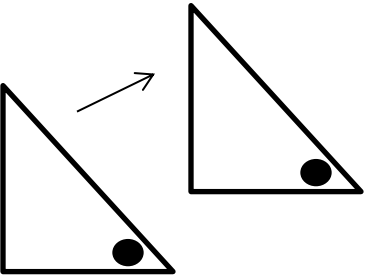
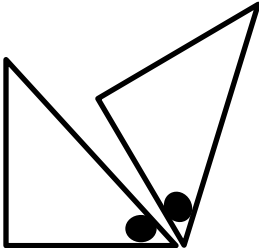
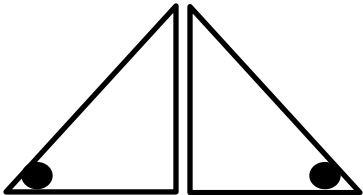
LINES AND ANGLES

<p>Point</p> 	<p>Endpoint</p> 	<p>Vertex (Vertices)</p> 
<p>Line</p> 	<p>Line Segment</p> 	<p>Ray</p> 
<p>Right Angle</p> 	<p>Acute Angle</p> 	<p>Obtuse Angle</p> 
<p>Intersecting Lines</p> 	<p>Perpendicular Lines</p> 	<p>Parallel Lines</p> 

Congruent Shapes: They are exactly the same shape, same size, and have the same size angles. They shapes have just gone through some type of transformation.



TRANSFORMATIONS

<p>Translation (Slide)</p> 	<p>Rotation (Turn)</p> 	<p>Reflection (Flip)</p> 
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