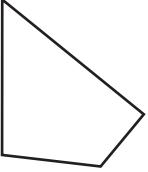

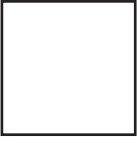


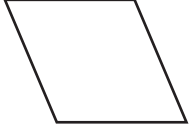
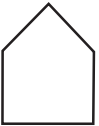



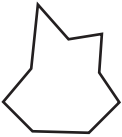





# Quadrilaterals and Other Polygons

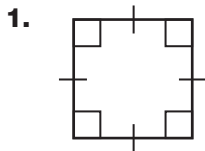
**Polygons** are closed figures with straight sides. **Quadrilaterals** are polygons with 4 sides. **Quadrilaterals** can be classified by their sides and angles.

<p><b>Quadrilateral</b></p> <p>four sides four angles</p> 	<p><b>Rectangle</b></p> <p>four right angles opposite sides congruent</p> 	<p><b>Square</b></p> <p>four congruent sides four right angles</p> 
<p><b>Trapezoid</b></p> <p>quadrilateral one pair of opposite sides parallel</p> 	<p><b>Parallelogram</b></p> <p>opposite sides congruent and parallel</p> 	<p><b>Rhombus</b></p> <p>parallelogram four sides congruent</p> 

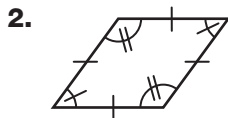
**Polygons** are named by their number of sides.

<p><b>Pentagon</b></p> <p>5 sides</p> 	<p><b>Hexagon</b></p> <p>6 sides</p> 	<p><b>Heptagon</b></p> <p>7 sides</p> 	<p><b>Octagon</b></p> <p>8 sides</p> 
<p><b>Nonagon</b></p> <p>9 sides</p> 	<p><b>Decagon</b></p> <p>10 sides</p> 	<p><b>Undecagon</b></p> <p>11 sides</p> 	<p><b>Dodecagon</b></p> <p>12 sides</p> 

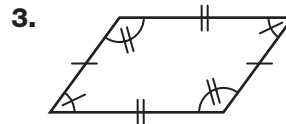
**Classify each polygon in as many ways as you can.**



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