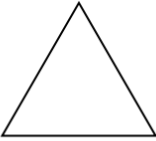
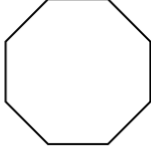
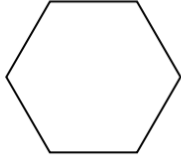
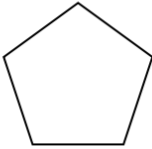
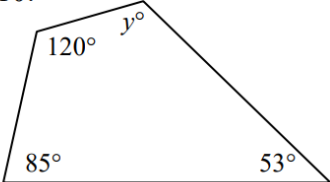
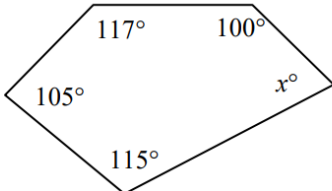
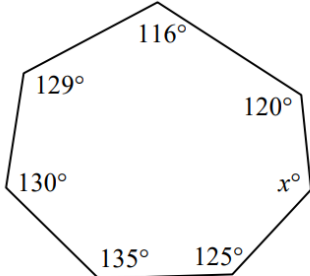


Assignment: Polygon Interior and Exterior Angles (due Thursday)

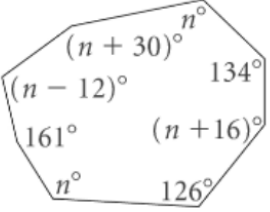
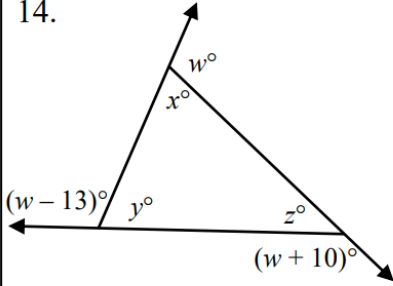
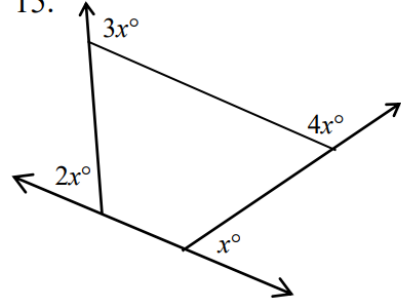
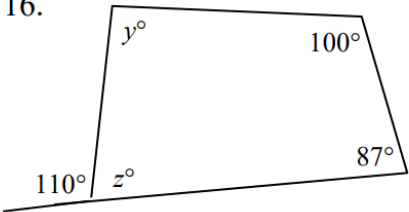
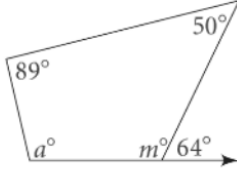
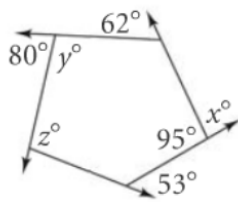
Name each **regular** polygon. Find the measure the indicated angles.

<p>1. Name: _____</p>  <p>Sum of Interior \angle's: _____ One Interior \angle: _____ Sum of Exterior \angle's: _____ One Exterior \angle: _____</p>	<p>2. Name: _____</p>  <p>Sum of Interior \angle's: _____ One Interior \angle: _____ Sum of Exterior \angle's: _____ One Exterior \angle: _____</p>	<p>3. Name: _____</p>  <p>Sum of Interior \angle's: _____ One Interior \angle: _____ Sum of Exterior \angle's: _____ One Exterior \angle: _____</p>
<p>4. Name: _____</p>  <p>Sum of Interior \angle's: _____ One Interior \angle: _____ Sum of Exterior \angle's: _____ One Exterior \angle: _____</p>	<p>5. Nonagon</p> <p>Sum of Interior \angle's: _____ One Interior \angle: _____ Sum of Exterior \angle's: _____ One Exterior \angle: _____</p>	<p>6. Dodecagon</p> <p>Sum of Interior \angle's: _____ One Interior \angle: _____ Sum of Exterior \angle's: _____ One Exterior \angle: _____</p>
<p>7. If the sum of the interior angles of a regular polygon is 900°, find the number of sides.</p>	<p>8. If the measure of one interior angle of a regular polygon is 144°, find the number of sides.</p>	<p>9. If the measure of one interior angle of a regular polygon is 160°, find the number of sides.</p>

Find the value of each variable.

<p>10.</p> 	<p>11.</p> 	<p>12.</p> 
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Assignment: Polygon Interior and Exterior Angles (due Thursday)

<p>13.</p> 	<p>14.</p> 	<p>15.</p> 
<p>16.</p> 	<p>17.</p> 	<p>18.</p> 

Bonus:

