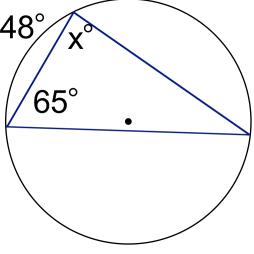
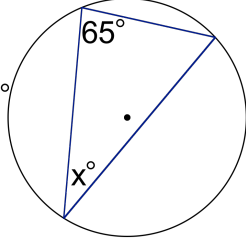
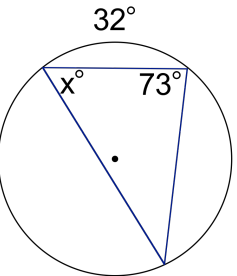
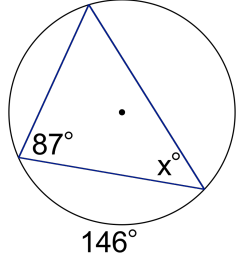
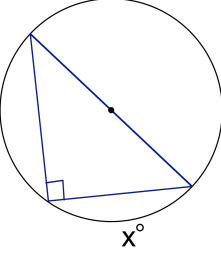
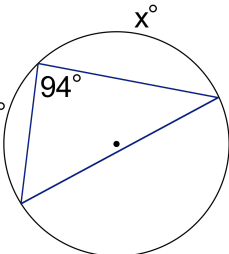
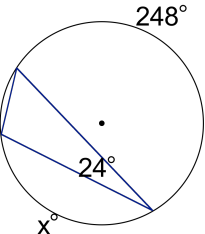
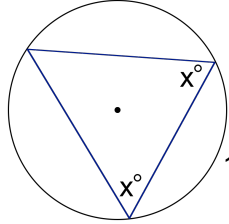


# Inscribed Triangles

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Find  $x$ .

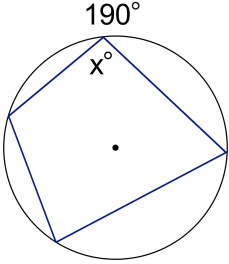
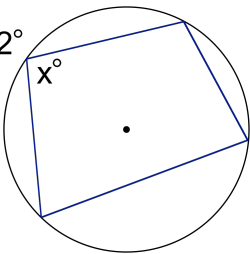
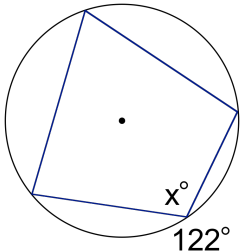
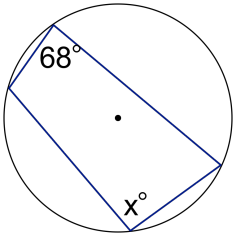
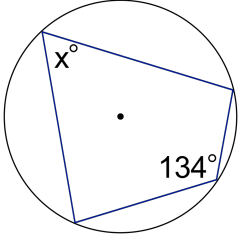
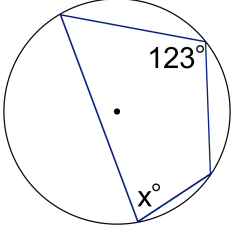
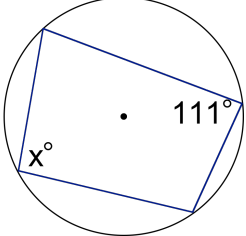
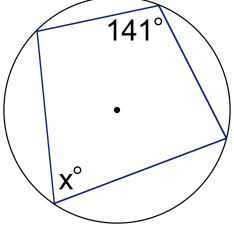
<p>1.</p>  <p>A circle with an inscribed triangle. The top-left angle is <math>48^\circ</math>, the top-right angle is <math>x^\circ</math>, and the bottom angle is <math>65^\circ</math>. A central dot is present.</p>	<p>2.</p>  <p>A circle with an inscribed triangle. The top angle is <math>65^\circ</math>, the bottom-left angle is <math>x^\circ</math>, and the bottom-right angle is <math>142^\circ</math>. A central dot is present.</p>
<p>3.</p>  <p>A circle with an inscribed triangle. The top-left angle is <math>x^\circ</math>, the top-right angle is <math>32^\circ</math>, and the bottom angle is <math>73^\circ</math>. A central dot is present.</p>	<p>4.</p>  <p>A circle with an inscribed triangle. The bottom-left angle is <math>87^\circ</math>, the bottom-right angle is <math>x^\circ</math>, and the top angle is <math>146^\circ</math>. A central dot is present.</p>
<p>5.</p>  <p>A circle with an inscribed right-angled triangle. The right angle is at the bottom-left vertex. The top-left angle is <math>120^\circ</math> and the bottom-right angle is <math>x^\circ</math>. A central dot is present.</p>	<p>6.</p>  <p>A circle with an inscribed triangle. The top angle is <math>x^\circ</math>, the bottom-left angle is <math>94^\circ</math>, and the bottom-right angle is <math>106^\circ</math>. A central dot is present.</p>
<p>7.</p>  <p>A circle with an inscribed triangle. The top angle is <math>248^\circ</math>, the bottom-right angle is <math>24^\circ</math>, and the bottom-left angle is <math>x^\circ</math>. A central dot is present.</p>	<p>8.</p>  <p>A circle with an inscribed triangle. The top-left angle is <math>x^\circ</math>, the bottom-left angle is <math>x^\circ</math>, and the bottom-right angle is <math>124^\circ</math>. A central dot is present.</p>

# Cyclic Quadrilaterals

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Find  $x$ .

<p>1.</p> 	<p>2.</p> 
<p>3.</p> 	<p>4.</p> 
<p>5.</p> 	<p>6.</p> 
<p>7.</p> 	<p>8.</p> 

$68^\circ$   
   $122^\circ$   
   $182^\circ$   
   $46^\circ$   
   $112^\circ$   
   $89^\circ$   
   $57^\circ$   
   $119^\circ$   
   $39^\circ$   
   $85^\circ$   
   $69^\circ$