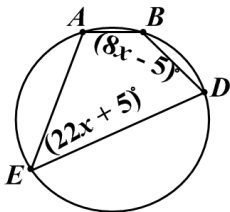
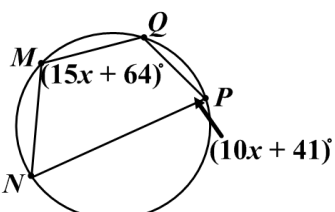
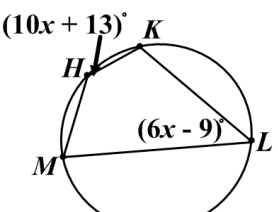
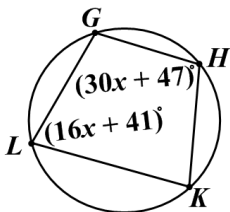
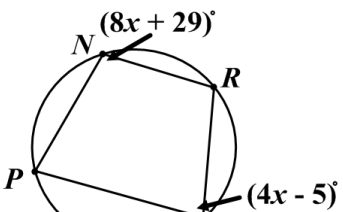
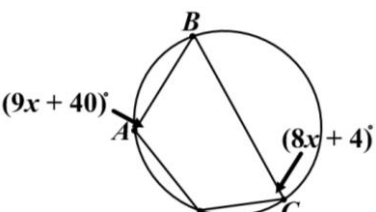
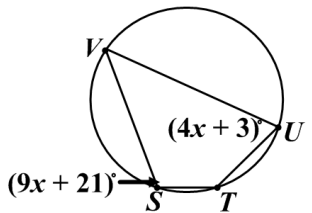
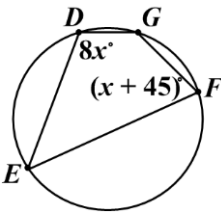
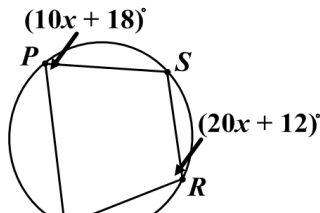
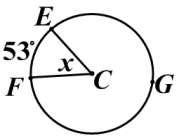
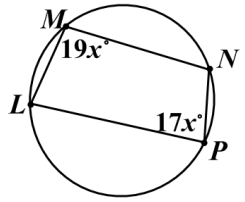
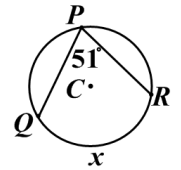
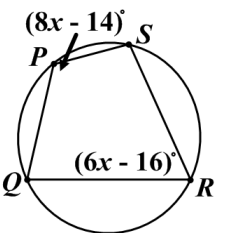
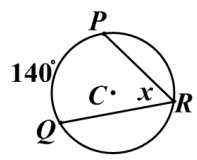
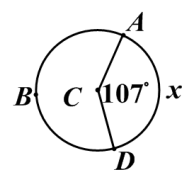
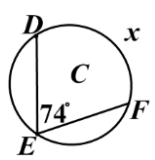
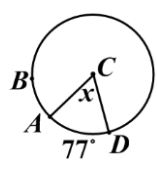
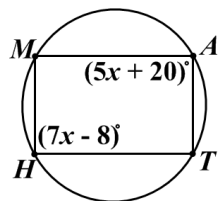


Inscribed quadrilaterals are made of two inscribed angles that intersect the same arc endpoints. To find the measure of the opposite angles within the quadrilateral, add them to equal 180° .

Determine the measure of the two opposite angles.

<p>1.</p> 	<p>2.</p> 	<p>3.</p> 
<p>4.</p> 	<p>5.</p> 	<p>6.</p> 
<p>7.</p> 	<p>8.</p> 	<p>9.</p> 

Mixed Practice: Determine the value of x .

<p>10.</p> 	<p>11.</p> 	<p>12.</p> 
<p>13.</p> 	<p>14.</p> 	<p>15.</p> 
<p>16.</p> 	<p>17.</p> 	<p>18.</p> 

Inscribed Quadrilaterals Answers

1. $m\angle B = 43^\circ$ & $m\angle E = 137^\circ$	2. $m\angle M = 109^\circ$ & $m\angle P = 71^\circ$	3. $m\angle H = 123^\circ$ & $m\angle L = 53^\circ$						
4. $m\angle H = 107^\circ$ & $m\angle L = 73^\circ$	5. $m\angle Q = 47^\circ$ & $m\angle N = 133^\circ$	6. $m\angle A = 112^\circ$ & $m\angle C = 68^\circ$						
7. $m\angle S = 129^\circ$ & $m\angle U = 51^\circ$	8. $m\angle D = 120^\circ$ & $m\angle F = 60^\circ$	9. $m\angle P = 68^\circ$ & $m\angle R = 112^\circ$						
10. $x = 53^\circ$	11. $x = 5$	12. $x = 102^\circ$	13. $x = 15$	14. $x = 70^\circ$	15. $x = 107^\circ$	16. $x = 148^\circ$	17. $x = 77^\circ$	18. $x = 14$