



Name

Score

Solve and show all steps.

<p>A triangle has interior angles measuring x°, $(x+20)^\circ$, and $(2x)^\circ$.</p> <p>Find the value of x.</p>	<p>Show all steps here</p>
<p>A quadrilateral has interior angles measuring x°, $(2x-10)^\circ$, $(x+30)^\circ$, and $(3x-20)^\circ$.</p> <p>Find the value of x.</p>	<p>Show all steps here</p>
<p>The interior angles of a pentagon are $(x+5)^\circ$, $(x-10)^\circ$, $(2x)^\circ$, $(x+25)^\circ$, and $(2x+10)^\circ$.</p> <p>Find the value of x.</p>	<p>Show all steps here</p>
<p>A hexagon has interior angles measuring $(x+10)^\circ$, $(x+20)^\circ$, $(2x)^\circ$, $(x-5)^\circ$, $(2x+15)^\circ$, and 100°.</p> <p>Find the value of x.</p>	<p>Show all steps here</p>
<p>A quadrilateral has angles given as $3x^\circ$, $(x+15)^\circ$, $2x^\circ$, and 115°.</p> <p>Determine the value of x.</p>	<p>Show all steps here</p>



Solve and show all steps.

40

51.43

72.86

82.86

38.33