



Name

Score

Solve and show all steps.

<p>The exterior angles of a triangle are <math>(3x)^\circ</math>, <math>(2x+10)^\circ</math>, and <math>(x+20)^\circ</math>.</p> <p>Find the value of <math>x</math>.</p>	<p>Show all steps here</p>
<p>A quadrilateral has exterior angles measuring <math>(x+5)^\circ</math>, <math>(2x-10)^\circ</math>, <math>(x+30)^\circ</math>, and <math>(4x-15)^\circ</math>.</p> <p>Find the value of <math>x</math>.</p>	<p>Show all steps here</p>
<p>The exterior angles of a pentagon are <math>x^\circ</math>, <math>(x+10)^\circ</math>, <math>(2x)^\circ</math>, <math>(x+5)^\circ</math>, and <math>(x+25)^\circ</math>.</p> <p>Find the value of <math>x</math>.</p>	<p>Show all steps here</p>
<p>A hexagon has exterior angles of <math>(x+15)^\circ</math>, <math>(2x)^\circ</math>, <math>50^\circ</math>, <math>(3x-5)^\circ</math>, <math>(x+20)^\circ</math>, and <math>(x-10)^\circ</math>.</p> <p>Find the value of <math>x</math>.</p>	<p>Show all steps here</p>
<p>The exterior angles of a quadrilateral are <math>(5x)^\circ</math>, <math>2(x+10)^\circ</math>, <math>(3x-5)^\circ</math>, and <math>(4x+15)^\circ</math>.</p> <p>Find the value of <math>x</math>.</p>	<p>Show all steps here</p>



Solve and show all steps.

55

43.75

53.33

36.25

23.57