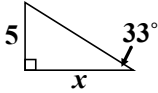
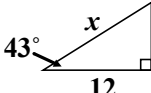
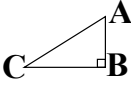
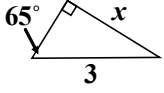
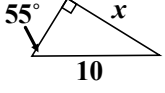
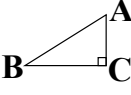
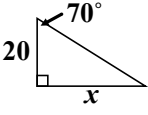
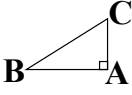
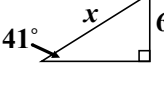


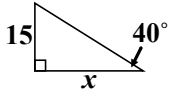
Name: _____

Solving Trigonometry Problems Part 1 (Sides)

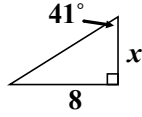
Write the trig ratios used to solve each triangle for the missing side. Then, use the Table of Trigonometric Values to evaluate the measure of x . Round sides to the nearest tenth.

<p>1.</p> 	<p>2.</p> 	<p>3. $AB = 4$, $BC = x$, and $m\angle C = 62^\circ$</p> 
<p>4.</p> 	<p>5.</p> 	<p>6. $AB = x$, $AC = 8$, and $m\angle A = 71^\circ$</p> 
<p>7.</p> 	<p>8. $BC = 11$, $AC = x$, and $m\angle B = 40^\circ$</p> 	<p>9.</p> 

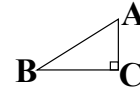
10.



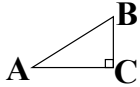
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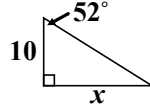
12. $AB = 3$, $BC = x$, and $m\angle A = 65^\circ$



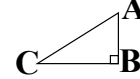
13. $AC = 5$, $BC = x$, and $m\angle A = 48^\circ$



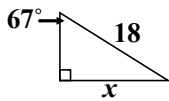
14.



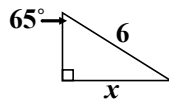
15. $AC = 7$, $BC = x$, and $m\angle C = 24^\circ$



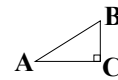
16.



17.



18.



$AB = x$, $AC = 7$, and $m\angle A = 28^\circ$