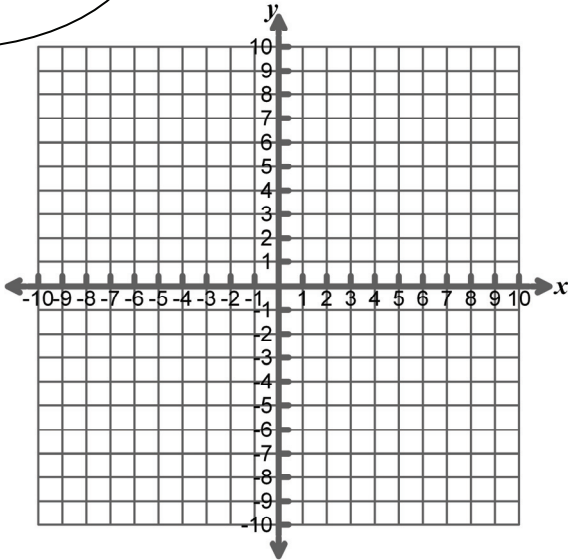




Student Name: _____ Date: _____

Solve It 4 Ways

Solve the system of linear equations shown in the center using four methods.

<p>Solve using the Elimination Method:</p> <p>Solution: _____</p>	<p>Solve using the Substitution Method:</p> <p>Solution: _____</p>																								
<div style="border: 1px solid black; border-radius: 50%; width: 150px; height: 150px; margin: 0 auto; display: flex; flex-direction: column; align-items: center; justify-content: center;"><div style="margin-bottom: 10px;">$3x + y = 10$</div><div>$2x - y = 5$</div></div>																									
<p>Solve using a table:</p> <p style="text-align: center; margin: 10px 0;">$y = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><thead><tr style="background-color: #cccccc;"><th>X</th><th>Y₁</th><th>Y₂</th></tr></thead><tbody><tr><td>0</td><td></td><td></td></tr><tr><td>1</td><td></td><td></td></tr><tr><td>2</td><td></td><td></td></tr><tr><td>3</td><td></td><td></td></tr><tr><td>4</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td></tr><tr><td>6</td><td></td><td></td></tr></tbody></table> <p>Solution: _____</p>	X	Y ₁	Y ₂	0			1			2			3			4			5			6			<p>Solve using a graph:</p> <div style="text-align: center; margin: 10px 0;"></div> <p>Solution: _____</p>
X	Y ₁	Y ₂																							
0																									
1																									
2																									
3																									
4																									
5																									
6																									

Communicating About Mathematics

Describe the process used for one of the methods of solving a system of equations.