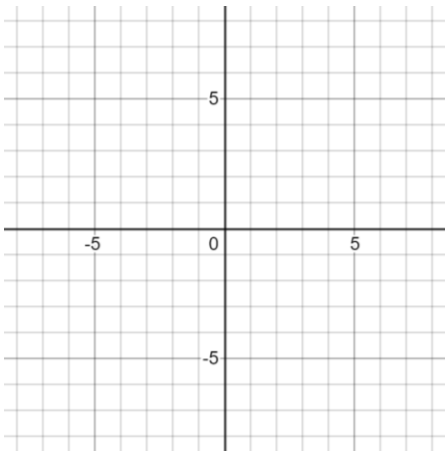
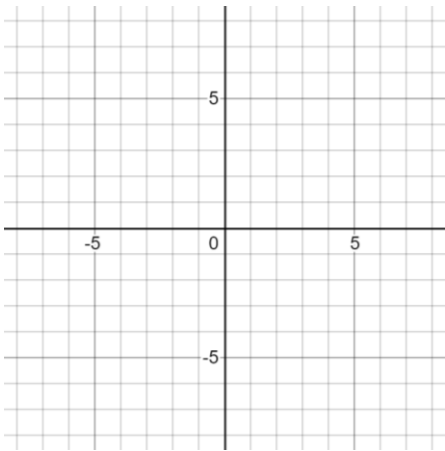
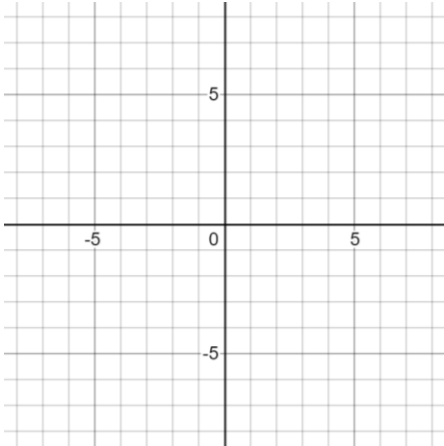
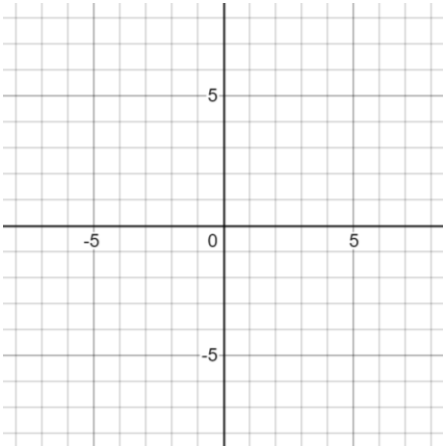


Proficiency Check 7.2 – Standard Form

Perform the following operations and write the answer in Descending Order.

Emerging	Emerging																
<p>1. Is the following point a solution to the equation? (Is the point on the line)</p> <p>$(2, 3); 2x + 3y = 10$</p>	<p>2. Is the following point a solution to the equation? (Is the point on the line)</p> <p>$(-1, 4); 3x - 5y = -23$</p>																
Proficient	Proficient																
<p>3. Graph the following equation.</p> <p>$3x - 6y = 18$</p>  <table border="1" data-bbox="581 1541 787 1778"> <thead> <tr> <th>x</th><th>y</th></tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	x	y							<p>4. Graph the following equation.</p> <p>$2x - 2y = 12$</p>  <table border="1" data-bbox="1193 1541 1399 1778"> <thead> <tr> <th>x</th><th>y</th></tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	x	y						
x	y																
x	y																

Proficient	Extending																
<p>5. Graph the following line:</p> $5x + 6y = 30$ <div style="text-align: center; margin: 20px 0;">  </div> <div style="margin-left: auto; margin-right: auto;"> <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50px;">x</th> <th style="width: 50px;">y</th> </tr> </thead> <tbody> <tr><td style="height: 25px;"></td><td style="height: 25px;"></td></tr> <tr><td style="height: 25px;"></td><td style="height: 25px;"></td></tr> <tr><td style="height: 25px;"></td><td style="height: 25px;"></td></tr> </tbody> </table> </div>	x	y							<p>6. Graph the following line:</p> $\frac{2}{3}x - y = 6$ <div style="text-align: center; margin: 20px 0;">  </div> <div style="margin-left: auto; margin-right: auto;"> <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50px;">x</th> <th style="width: 50px;">y</th> </tr> </thead> <tbody> <tr><td style="height: 25px;"></td><td style="height: 25px;"></td></tr> <tr><td style="height: 25px;"></td><td style="height: 25px;"></td></tr> <tr><td style="height: 25px;"></td><td style="height: 25px;"></td></tr> </tbody> </table> </div>	x	y						
x	y																
x	y																
<p style="text-align: center;">Proficient</p> <p>7. Convert to Slope-Intercept Form: $y = mx + b$</p> $2x - 3y = 21$	<p style="text-align: center;">Proficient</p> <p>8. Convert to Standard Form: $Ax + By = C$</p> $y = \frac{6}{5}x - 7$																