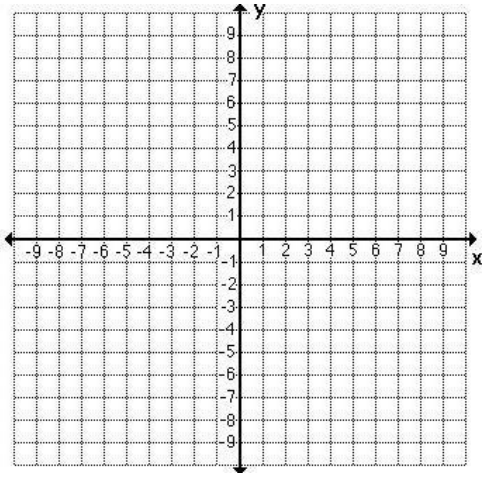
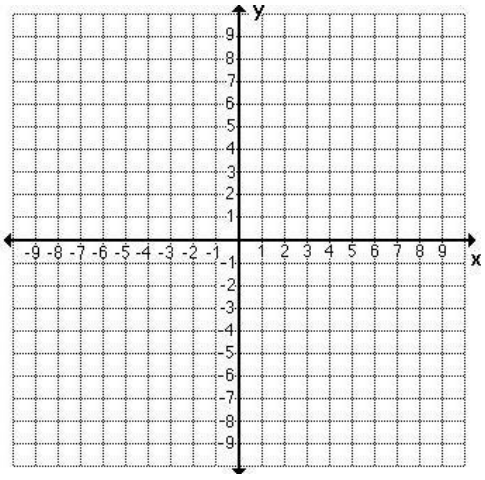
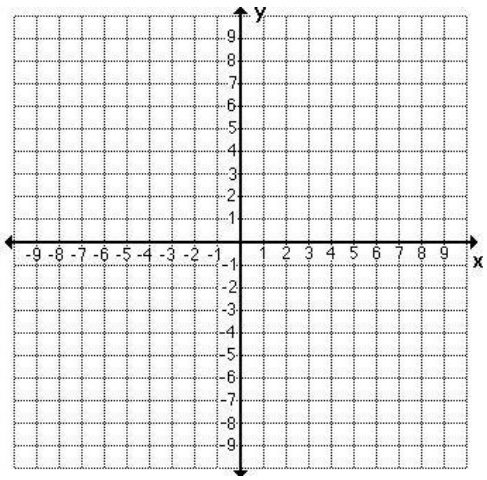
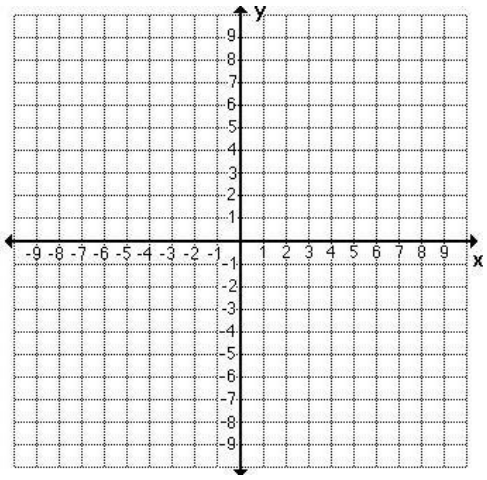
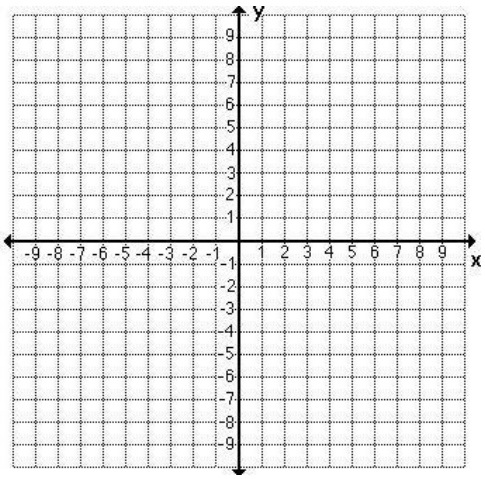
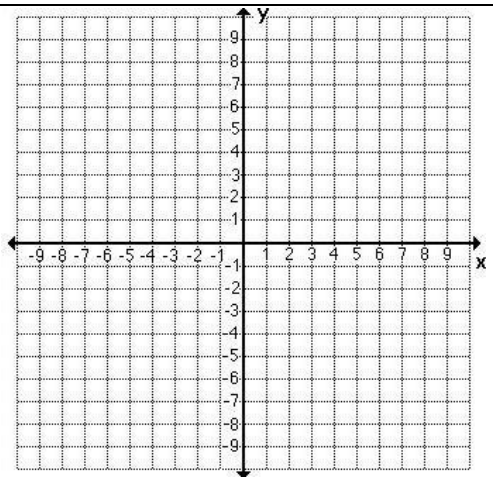
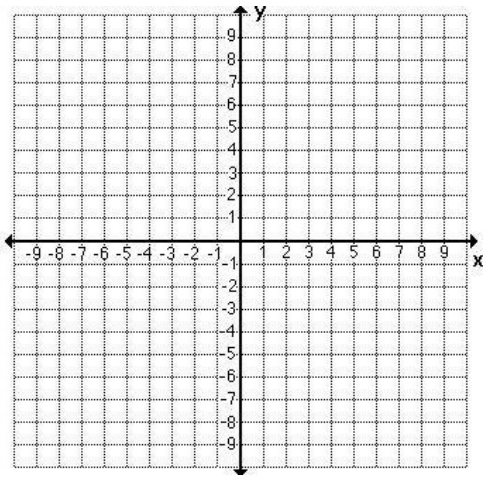
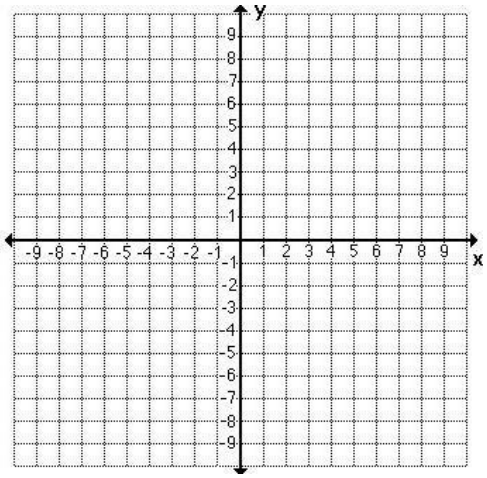
Name:

Standard Form Supplemental Work – Handout

For the following equations, **identity the x-intercept, the y-intercept**, a **third point** and then **graph it**.

1. $3x - 5y = 15$ $x - int$: $y - int$:	
2. $3x - 2y = -6$ $x - int$: $y - int$:	
3. $2x - y = 2$ $x - int$: $y - int$:	

4. $2x + y = -1$ $x - int$: $y - int$:	
5. $2x + y = -4$ $x - int$: $y - int$:	
6. $x = 5$ $x - int$: $y - int$:	

7. $\frac{1}{3}x + \frac{2}{3}y = 2$ $x - int$: $y - int$:	
8. $\frac{2}{3}x - 0.4y = 2$ $x - int$: $y - int$:	

Are the following points, solutions to the given equation (are the points on the line)?

9. $3x + 5y == -9; (2, -3)$

10. $-2x + 3y = 5; (1, -1)$

11. $\frac{1}{3}x - \frac{1}{4}y = 4; (6, 8)$

12. $y = -1; (-1, 3)$