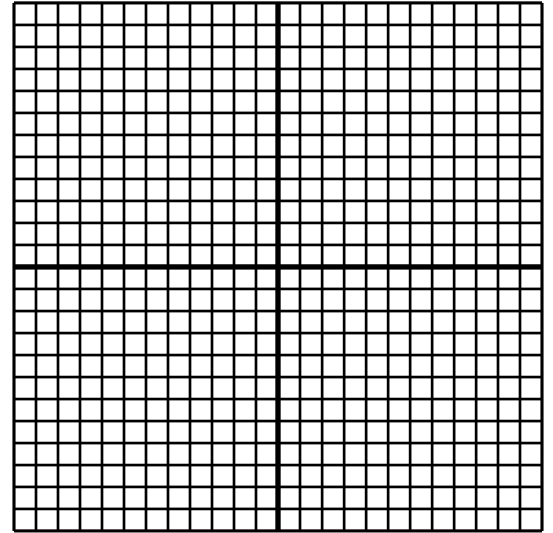# FLUENCY PRACTICE: Graphing System of Equations A

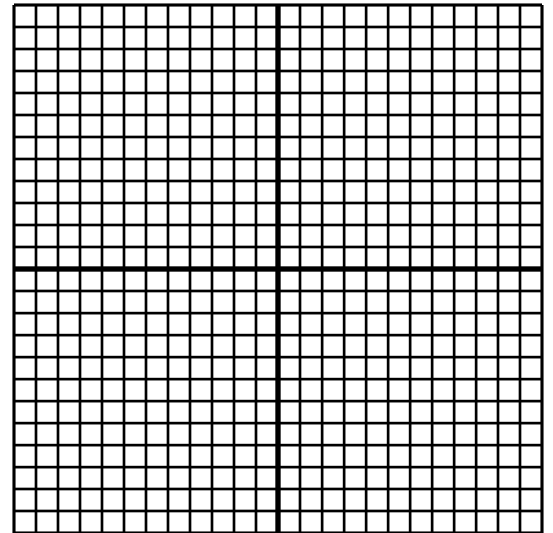Name:_____   Period:_____

Directions: Graph each system of equations to find the intersection.
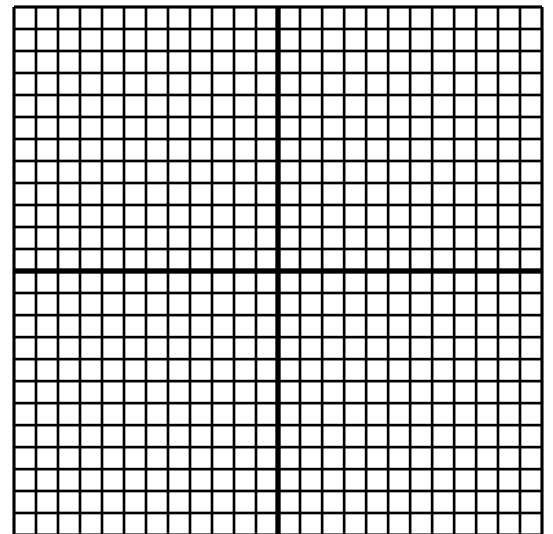
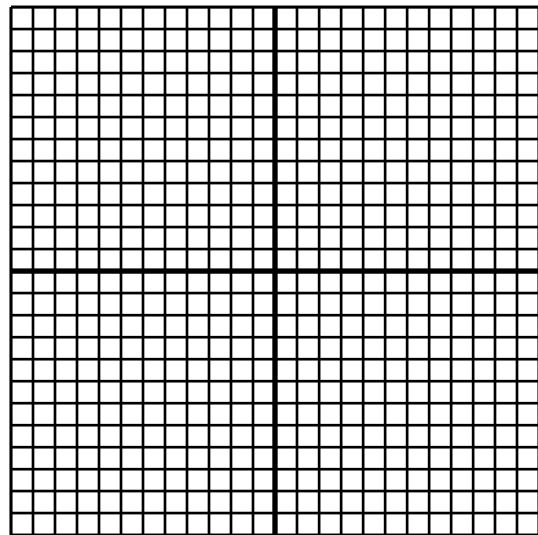1. $y = \dfrac{1}{2}x - 3$ and $y = 2x - 9$

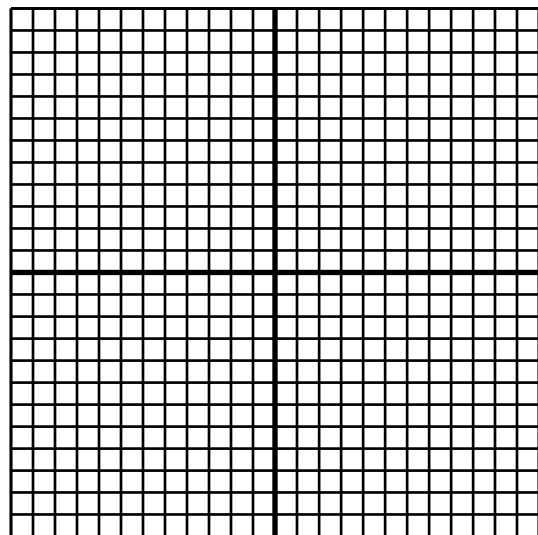2. $y = -\dfrac{4}{3}x + 1$ and $2x - y = -11$

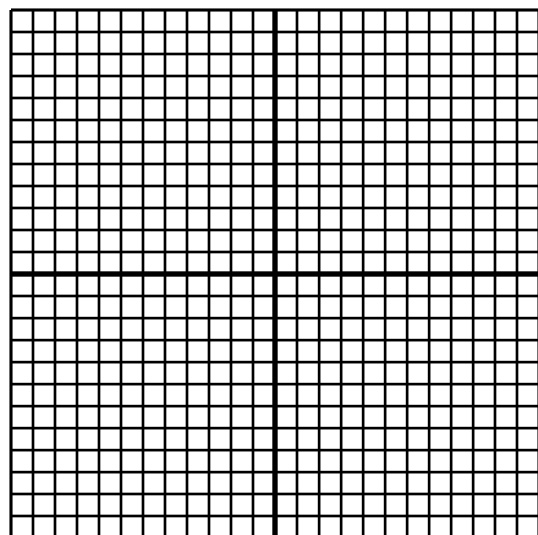3. $3x - 4y = -20$ and $y + 8 = -\dfrac{1}{2}(x - 6)$

4. $x + 4y = 24$ and $y + 11 = \dfrac{3}{2}(x + 2)$
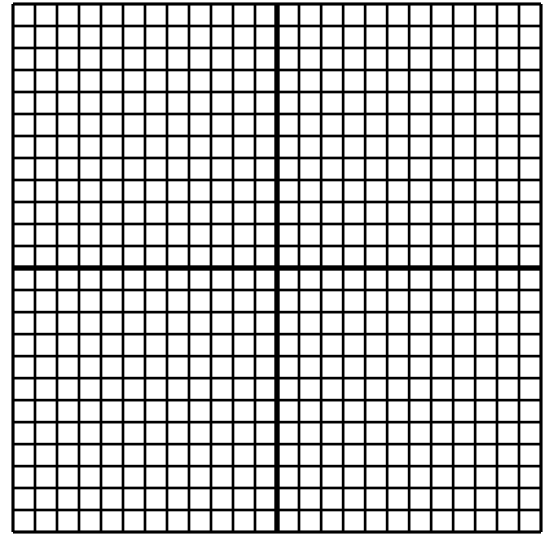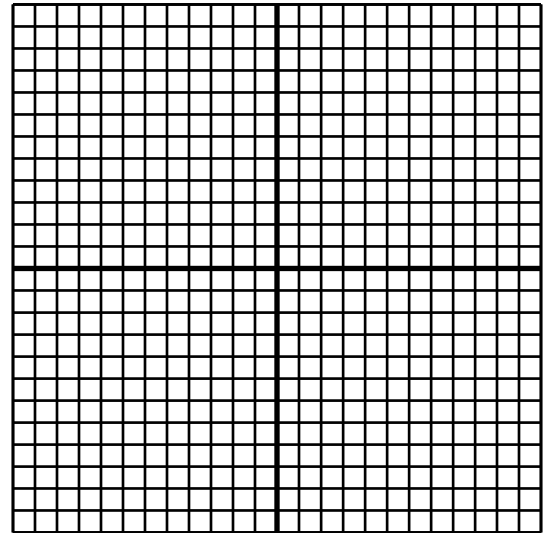
5. $2x - 3y = 14$ and $y - 10 = -2(x + 6)$

6. $y = -3x + 10$ and $y + 11 = \dfrac{2}{3}(x + 4)$

7. $5x - 3y = -12$ and $x - 3y = 12$

8. $y = -3x + 5$ and $y - 2 = -\dfrac{1}{3}(x - 11)$

9. $2x + 3y = 36$ and $y + 12 = \dfrac{5}{2}(x + 2)$