

Name:

Date:

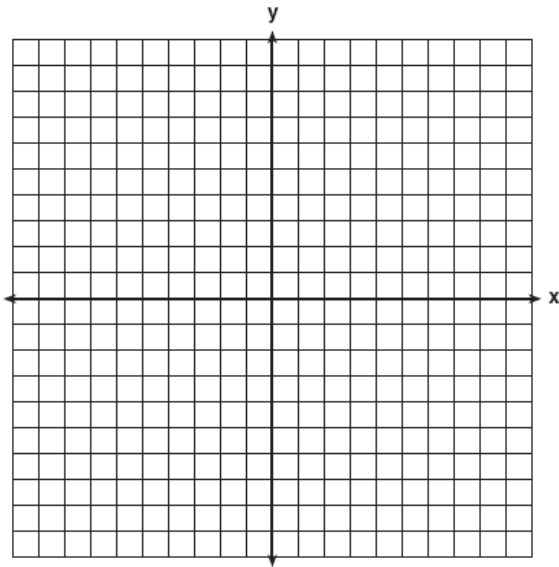
Period:

Solve the following systems of equations. Be sure to label the point of intersection.

1. $y = 2x + 4$

$x + y = 7$

$m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

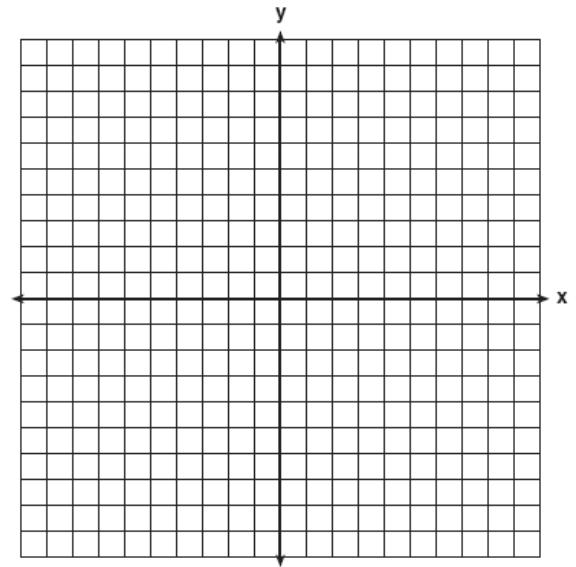


POI:

2. $y = \frac{3}{2}x$

$y - x - 1 = 0$

$m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

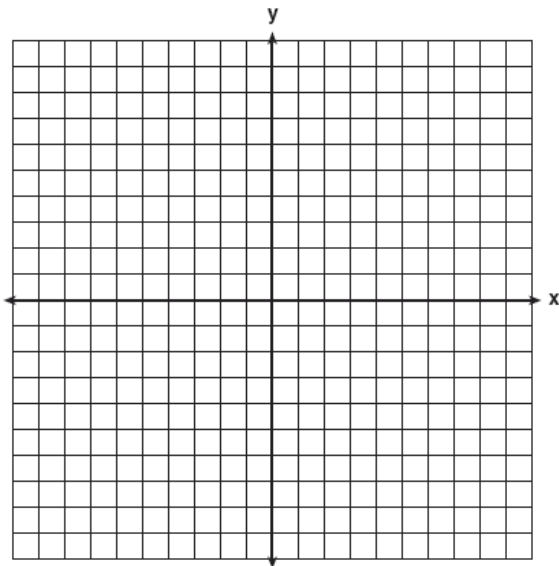


POI:

3. $y = 2x + 1$

$x + y = 4$

$m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

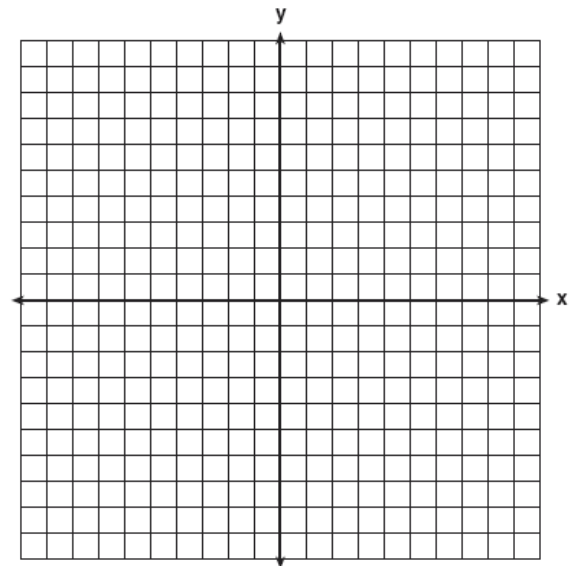


POI:

4. $x + y = -2$

$2x - y = -4$

$m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

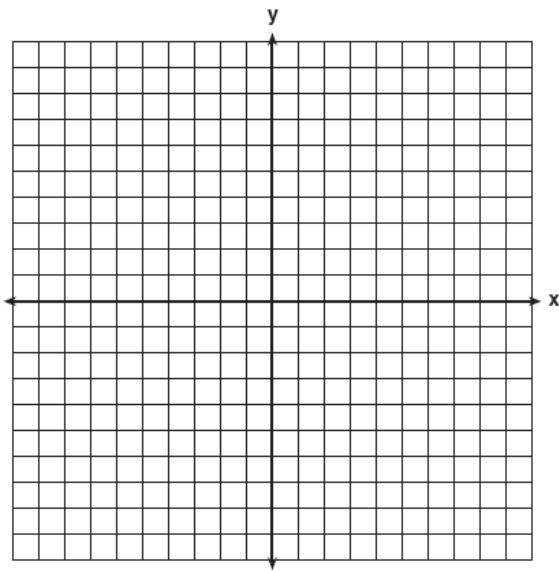


POI:

5. $y = 2x - 1$

$y = -3x + 4$

$m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

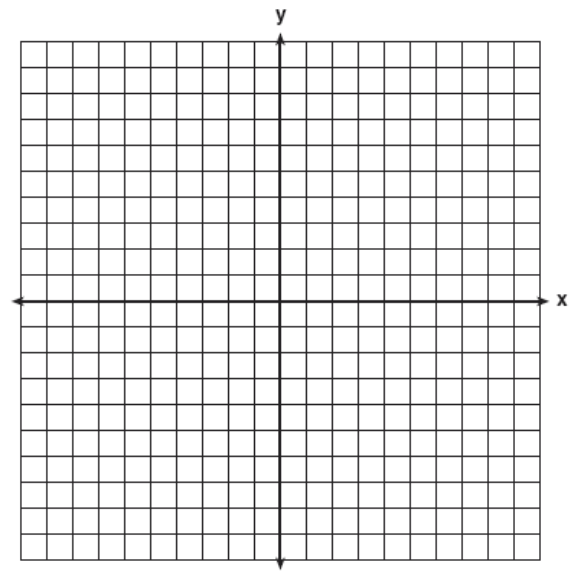


POI:

6. $x + y = -1$

$3x + 2y = -4$

$m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

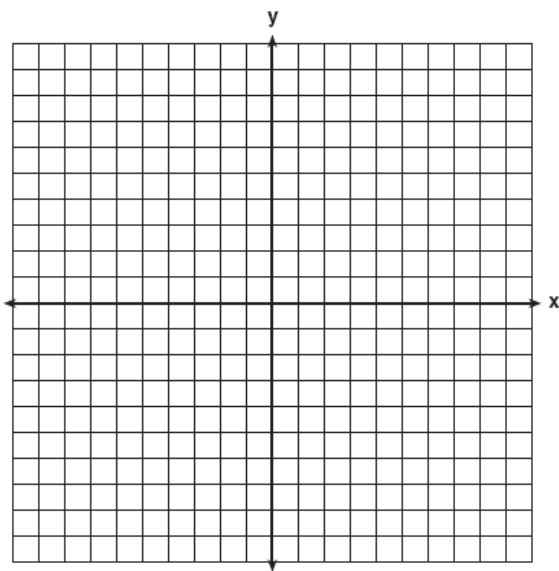


POI:

7. $y - 2x = 1$

$2y = 5x + 4$

$m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$

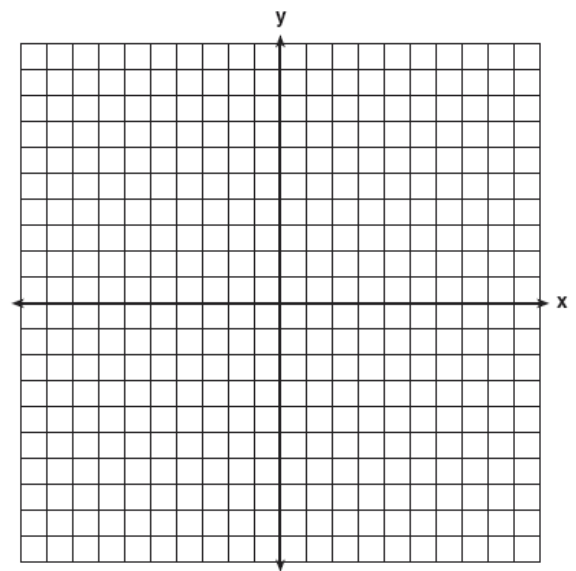


POI:

8. $-x + y = -1$

$y = \frac{-4}{3}x + 6$

$m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$ $m = \underline{\hspace{1cm}}$ $b = \underline{\hspace{1cm}}$



POI: