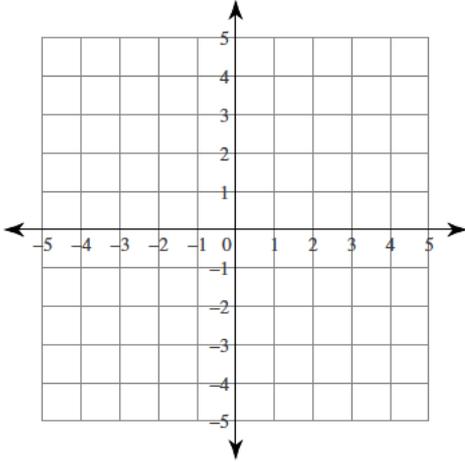


Graphing systems of linear equations - slope/intercept

Use graphing to find the x-coordinate of the solution to each system.

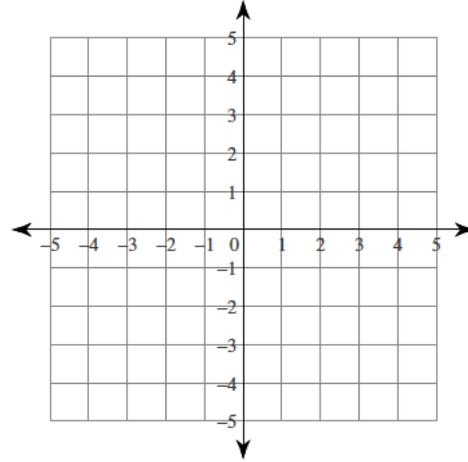
1) $y = \frac{1}{4}x - 2$

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



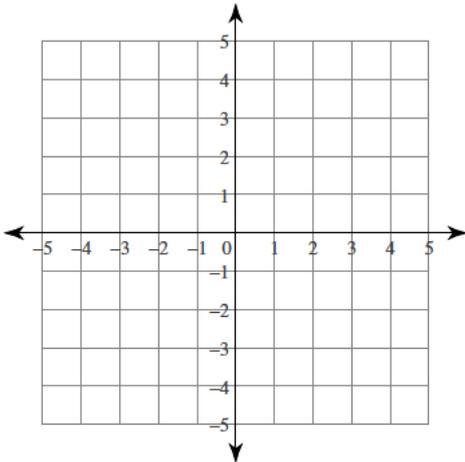
2) $y = -\frac{1}{4}x - 3$

$y = \frac{5}{4}x + 3$



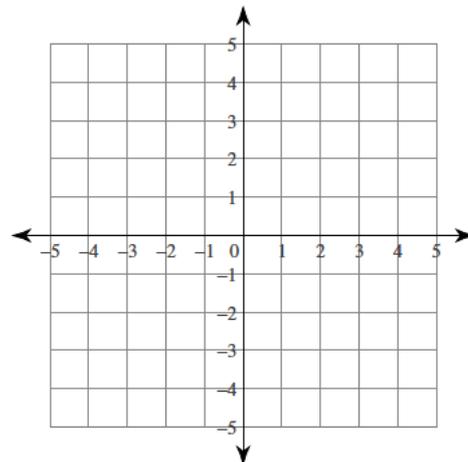
3) $y = \frac{1}{2}x + 2$

$y = 2x - 1$

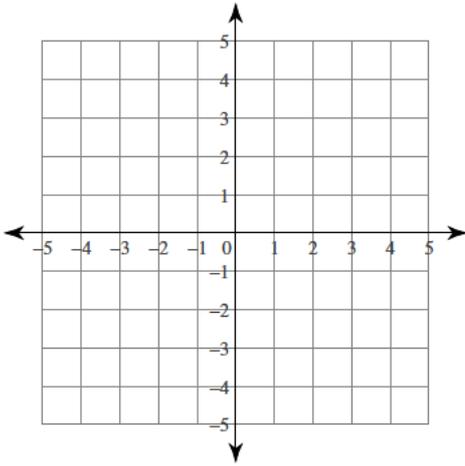


4) $y = \frac{7}{2}x - 3$

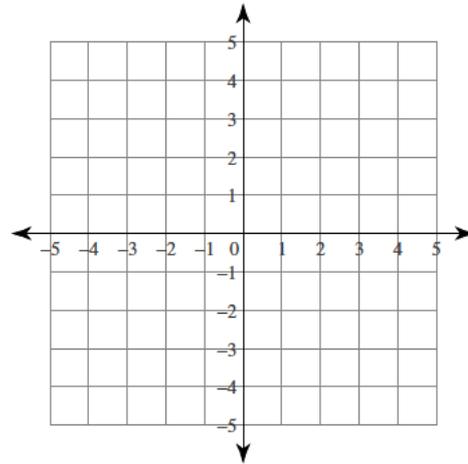
$y = \frac{1}{2}x + 3$



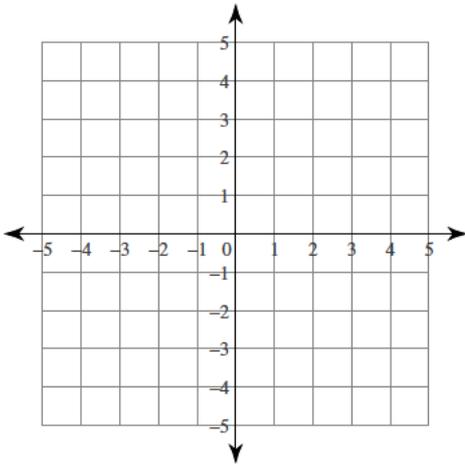
5) $y = 3x + 1$
 $y = 4$



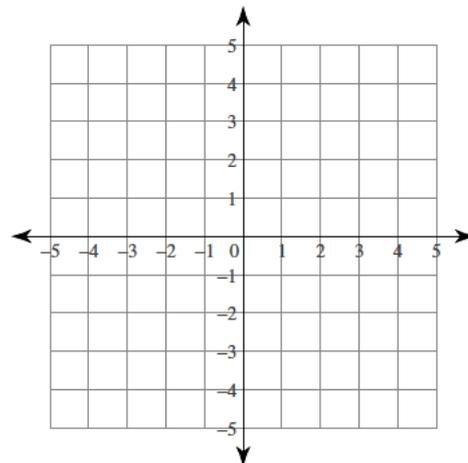
6) $y = \frac{3}{2}x + 4$
 $x = -2$



7) $y = -\frac{2}{3}x + 1$
 $y = x - 4$

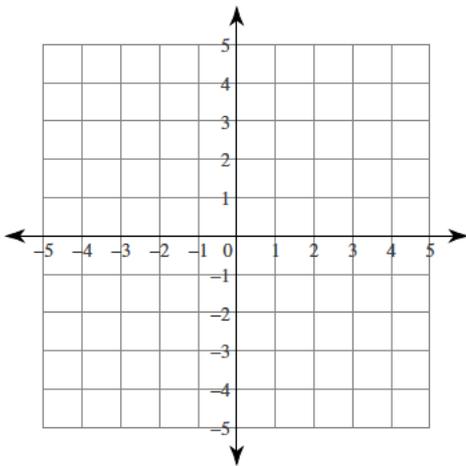


8) $y = -\frac{3}{2}x + 4$
 $y = \frac{1}{4}x - 3$



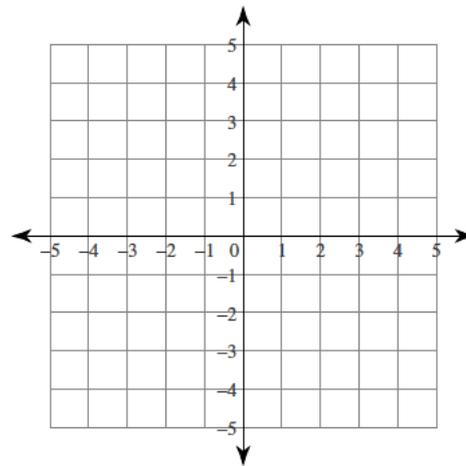
$$9) y = \frac{1}{3}x + 3$$

$$y = -\frac{4}{3}x - 2$$



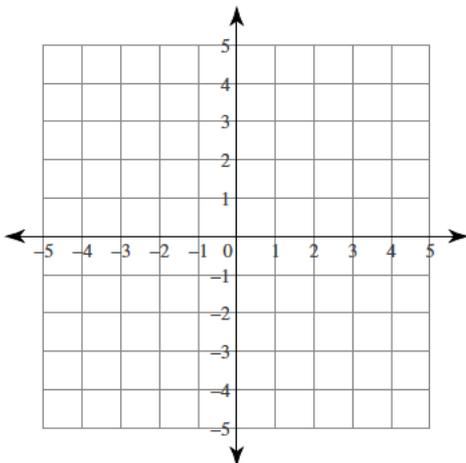
$$10) y = -\frac{5}{2}x + 1$$

$$y = -\frac{1}{2}x - 3$$



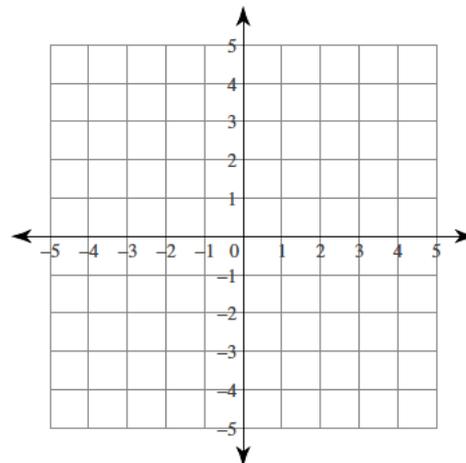
$$11) y = -\frac{7}{4}x - 4$$

$$y = 3$$

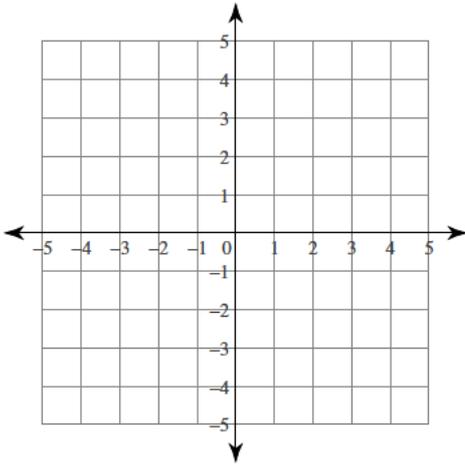


$$12) y = -\frac{5}{3}x + 4$$

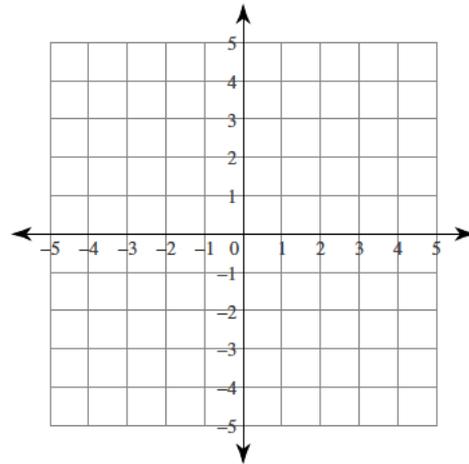
$$y = x - 4$$



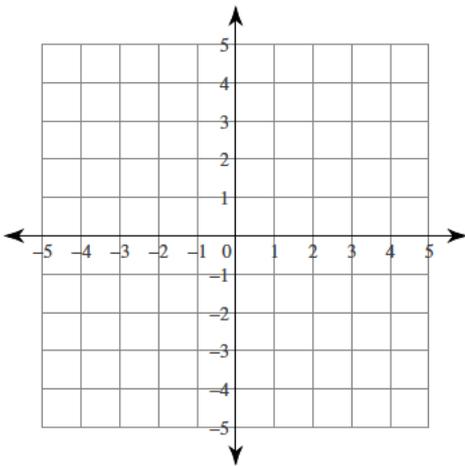
13) $y = -2x + 4$
 $y = 3x - 1$



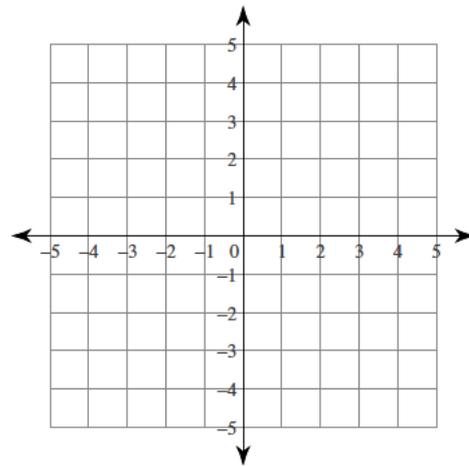
14) $y = \frac{1}{2}x + 2$
 $y = \frac{3}{2}x - 2$



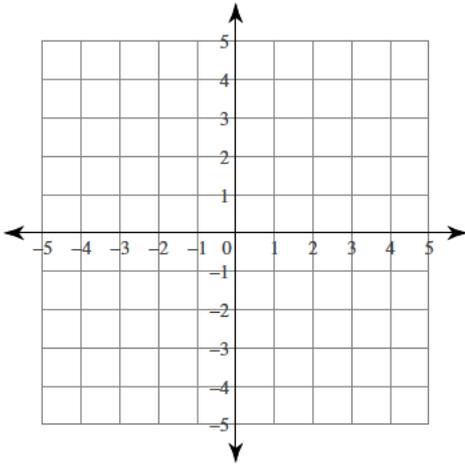
15) $y = -x - 3$
 $y = 3x + 1$



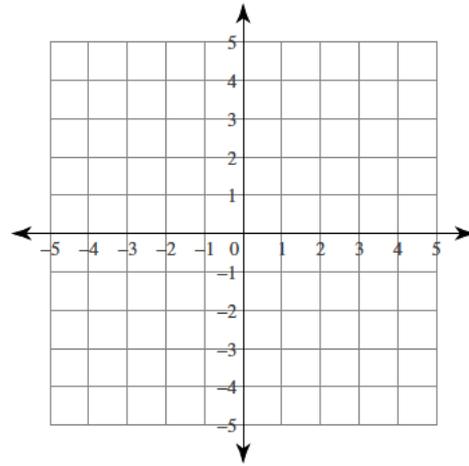
16) $y = -3x + 4$
 $y = 3x - 2$



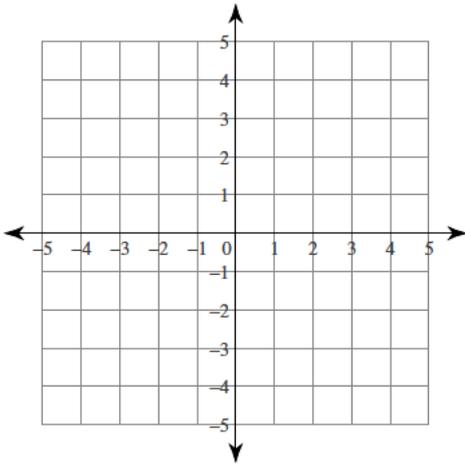
17) $y = x - 2$
 $y = -x - 4$



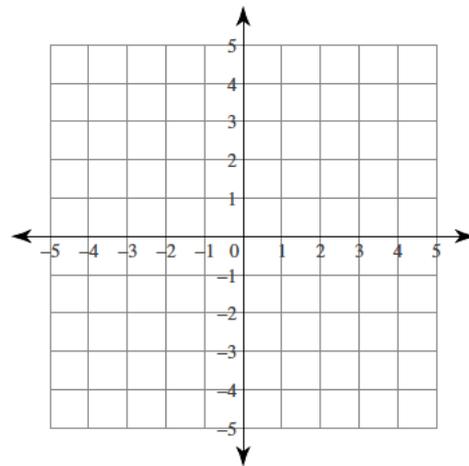
18) $y = \frac{2}{3}x + 2$
 $y = 2x - 2$



19) $y = x + 3$
 $y = -4x - 2$

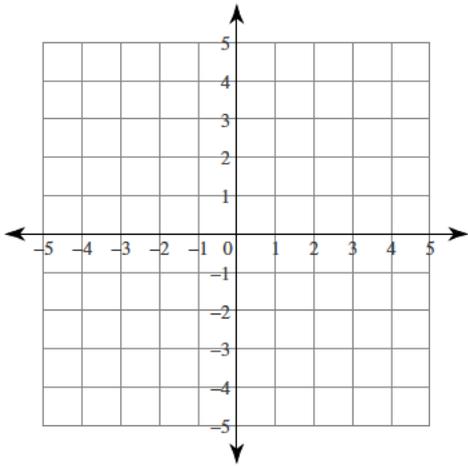


20) $y = -\frac{1}{2}x - 2$
 $y = \frac{3}{2}x + 2$



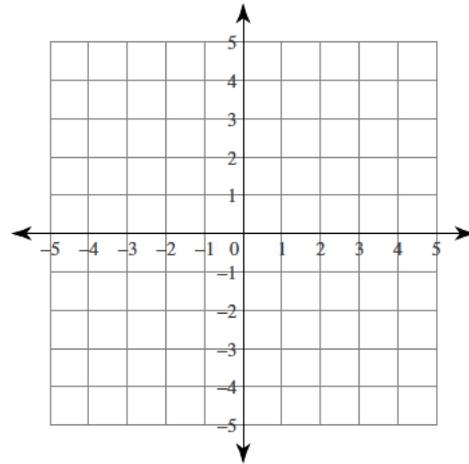
21) $y = -\frac{8}{3}x + 4$

$y = -\frac{1}{3}x - 3$



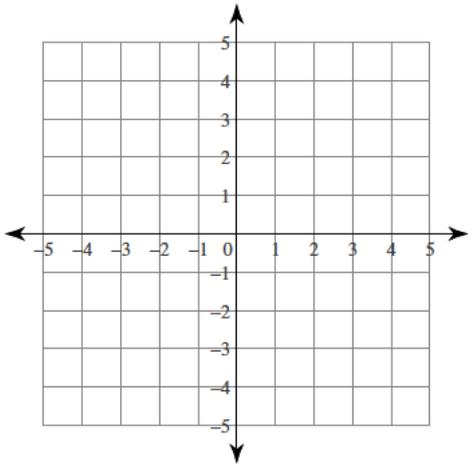
22) $y = -x - 4$

$y = \frac{5}{3}x + 4$



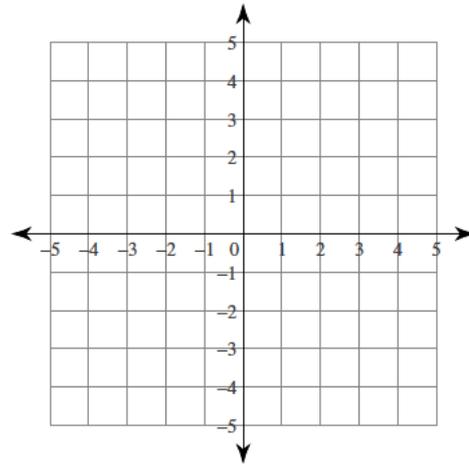
23) $y = x + 4$

$y = -5x - 2$



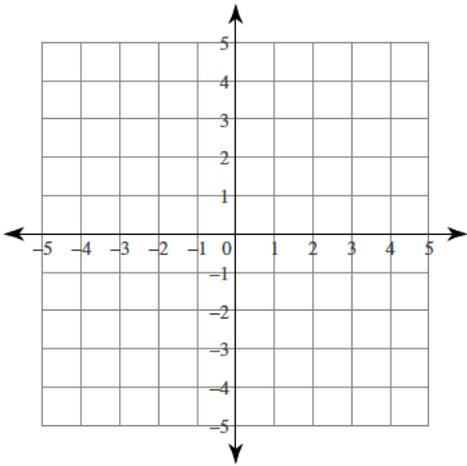
24) $y = -4x - 1$

$y = -x + 2$

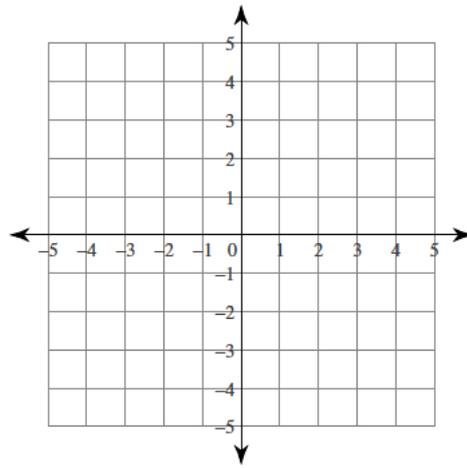


25) $y = -\frac{5}{2}x + 2$

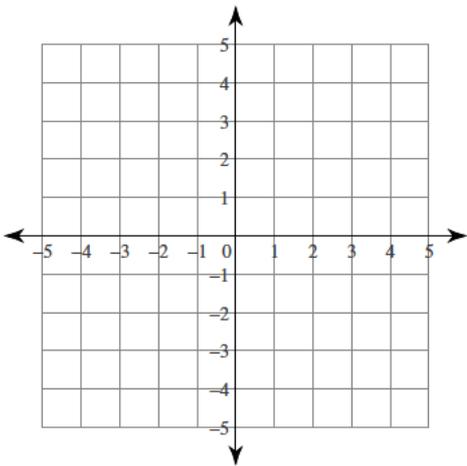
$y = \frac{1}{2}x - 4$



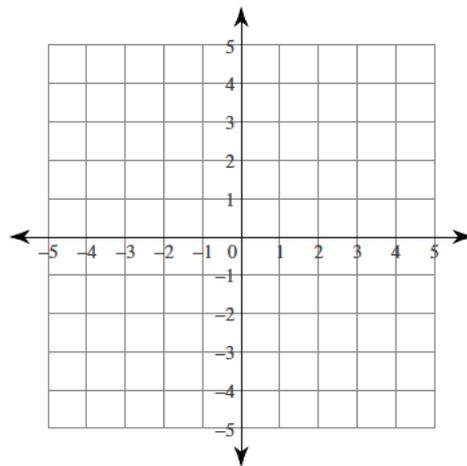
26) $y = x - 2$
 $y = 4x + 4$



27) $y = -x - 1$
 $y = x - 3$

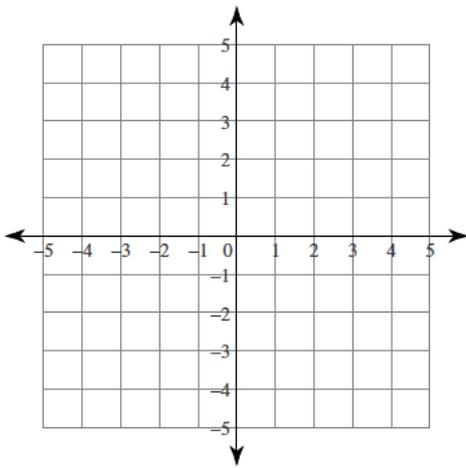


28) $y = -\frac{1}{2}x + 3$
 $y = -\frac{3}{2}x + 1$



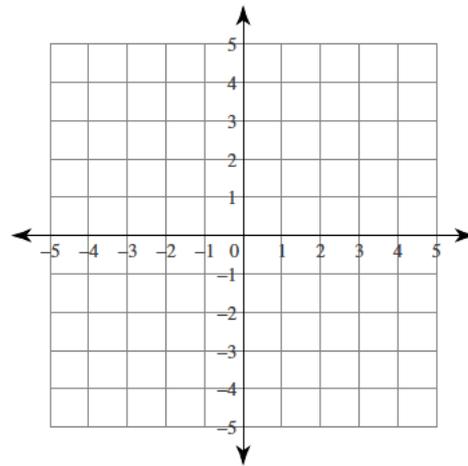
29) $y = \frac{5}{4}x - 4$

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



30) $y = -\frac{1}{2}x - 4$

$y = x + 2$



Answers to Graphing systems of linear equations - slope/intercept

- | | | | |
|--------|--------|--------|--------|
| 1) -4 | 2) -4 | 3) 2 | 4) 2 |
| 5) 1 | 6) -2 | 7) 3 | 8) 4 |
| 9) -3 | 10) 2 | 11) -4 | 12) 3 |
| 13) 1 | 14) 4 | 15) -1 | 16) 1 |
| 17) -1 | 18) 3 | 19) -1 | 20) -2 |
| 21) 3 | 22) -3 | 23) -1 | 24) -1 |
| 25) 2 | 26) -2 | 27) 1 | 28) -2 |
| 29) 4 | 30) -4 | | |