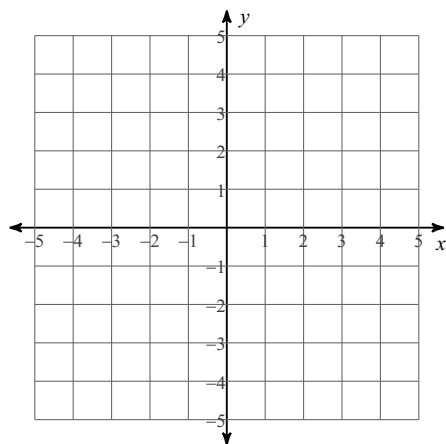


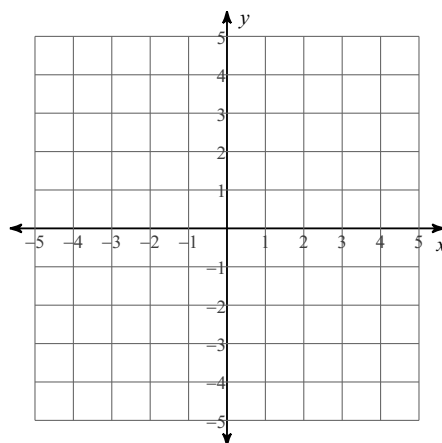
Linear Equation Review - Part 2

Solve each system by graphing. You will need to graph both equations, and find the point where they intersect.

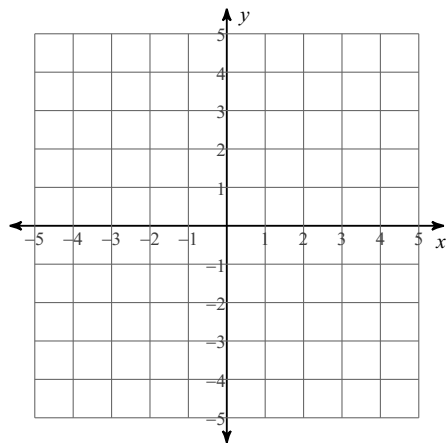
1) $y = \frac{7}{3}x - 4$
 $y = \frac{2}{3}x + 1$



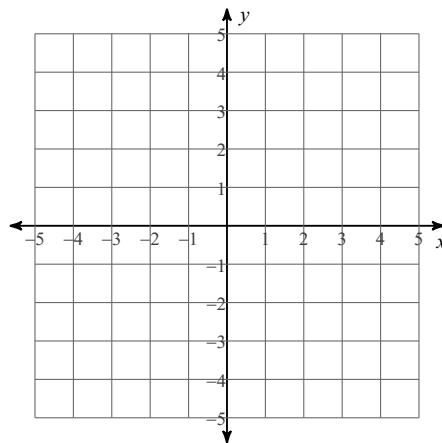
2) $y = \frac{1}{4}x + 2$
 $y = x - 1$



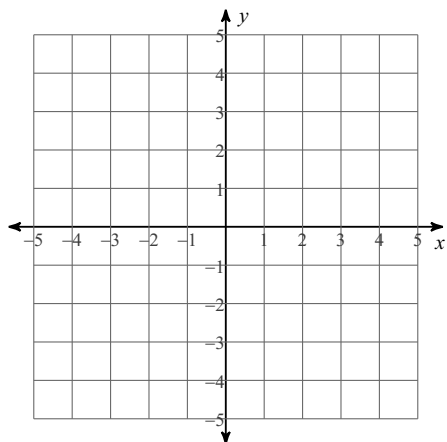
3) $y = -2x + 1$
 $y = -2x + 2$



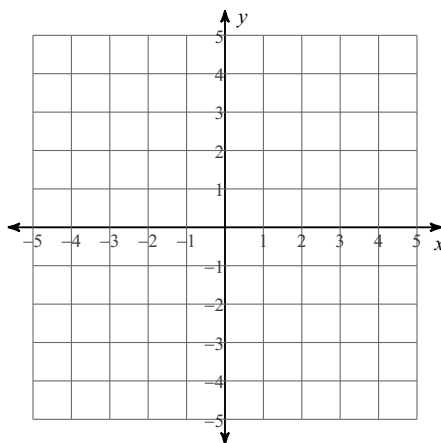
4) $y = 7x - 4$
 $y = x + 2$



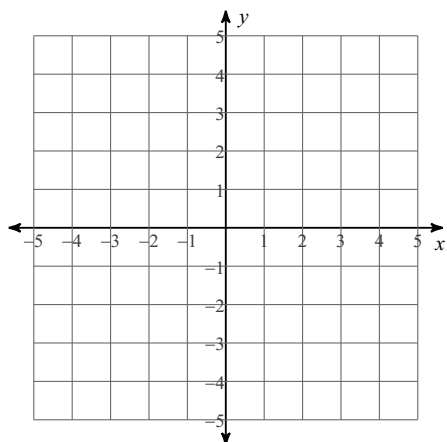
5) $y = -6x - 2$
 $y = -x + 3$



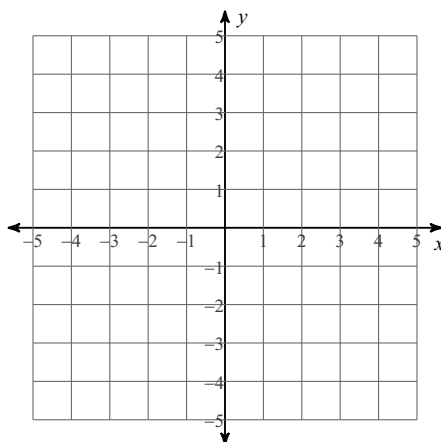
6) $y = -\frac{1}{2}x - 1$
 $y = -\frac{1}{2}x - 4$



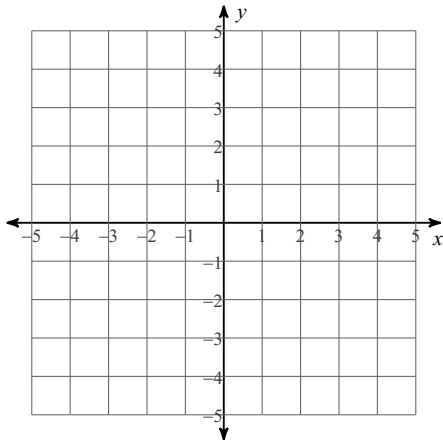
7) $y = \frac{1}{2}x + 3$
 $y = -\frac{3}{2}x - 1$



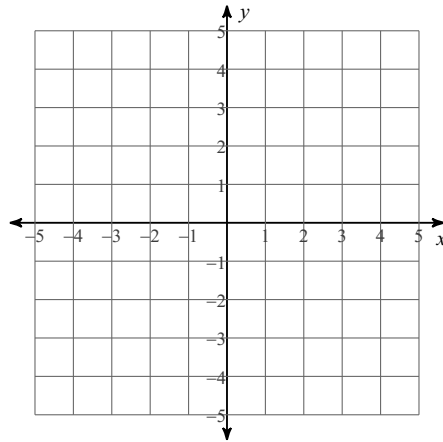
8) $y = -\frac{1}{3}x - 4$
 $y = \frac{1}{3}x - 2$



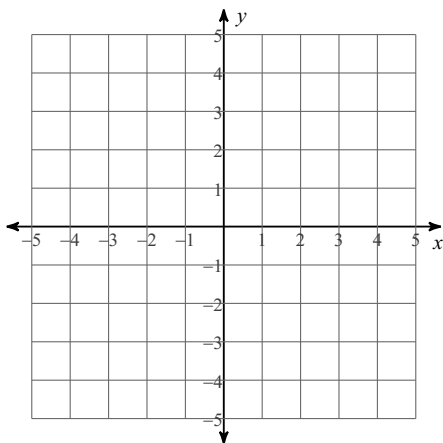
$$\begin{aligned} 9) \quad &x + y = -2 \\ &6x + y = 3 \end{aligned}$$



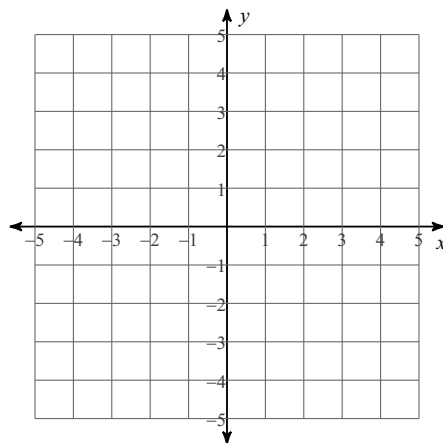
$$\begin{aligned} 10) \quad &x + 2y = -8 \\ &x - 2y = 4 \end{aligned}$$



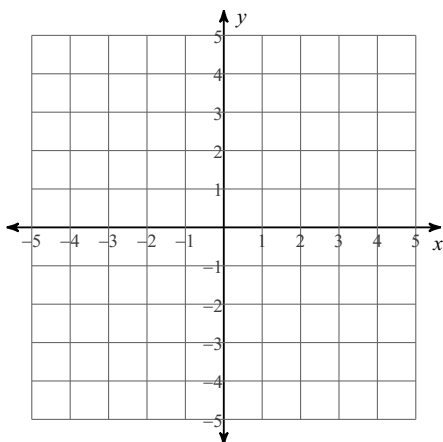
$$\begin{aligned} 11) \quad &3x + 4y = 16 \\ &x - 2y = 2 \end{aligned}$$



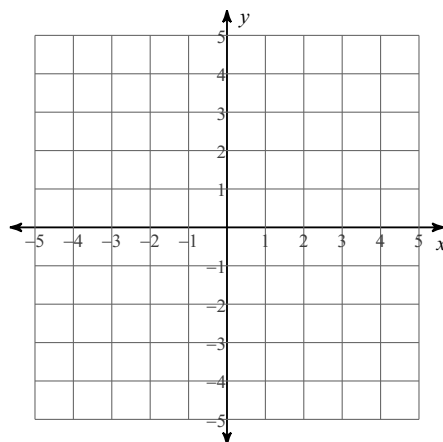
$$\begin{aligned} 12) \quad &x + y = 2 \\ &x = -1 \end{aligned}$$



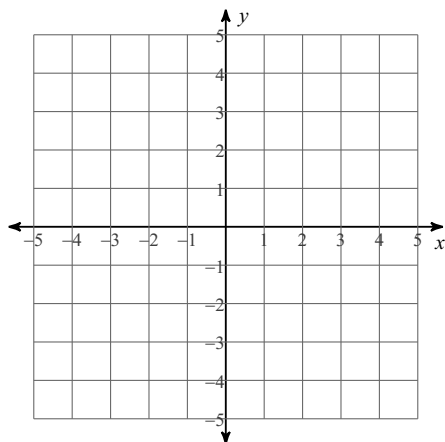
$$\begin{aligned} 13) \quad &3x + y = -4 \\ &x - y = -4 \end{aligned}$$



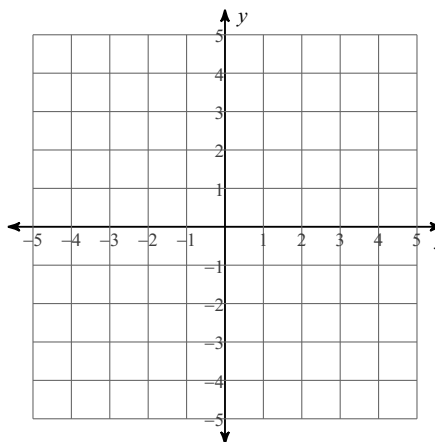
$$\begin{aligned} 14) \quad &x + 2y = -2 \\ &x - 2y = 6 \end{aligned}$$



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



16) $3x - 2y = 4$
 $y = 1$



REVIEW: Write the slope-intercept form of the equation of each line.

17) $x + 2y = 0$

18) $3x + 5y = -40$

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

20) $x - 5y = 40$

REVIEW: Write the slope-intercept form of the equation of the line through the given point with the given slope.

21) through: $(5, 4)$, slope = $\frac{4}{5}$

22) through: $(-5, 2)$, slope = $\frac{2}{5}$

23) through: $(-1, 2)$, slope = 1

24) through: $(-5, -1)$, slope = $-\frac{1}{5}$

REVIEW: Write the slope-intercept form of the equation of the line through the given points.

25) through: $(-3, -1)$ and $(0, -4)$

26) through: $(2, -4)$ and $(-4, -2)$

27) through: $(0, 1)$ and $(1, 0)$

28) through: $(1, 0)$ and $(0, 2)$

Answers to Linear Equation Review - Part 2 (ID: 1)

1) $(3, 3)$

9) $(1, -3)$

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

25) $y = -x - 4$

3) No solution

11) $(4, 1)$

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

27) $y = -x + 1$

5) $(-1, 4)$

13) $(-2, 2)$

21) $y = \frac{4}{5}x$

7) $(-2, 2)$

15) $(3, 1)$

23) $y = x + 3$