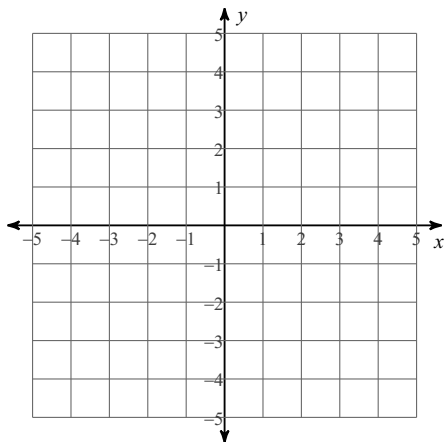


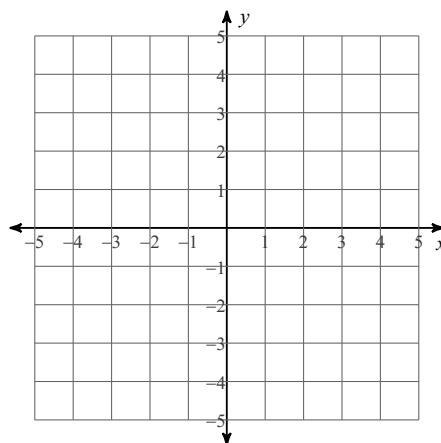
# Homework 10.1

**Solve each system by graphing.**

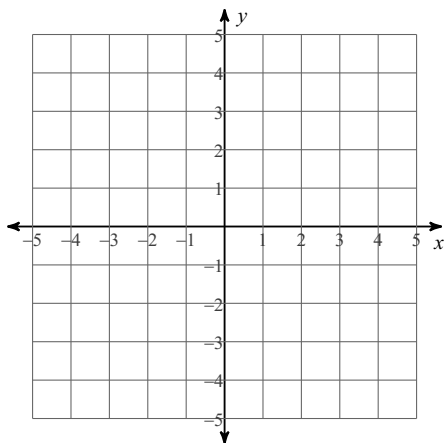
1)  $y = -x + 2$   
 $y = -4x - 4$



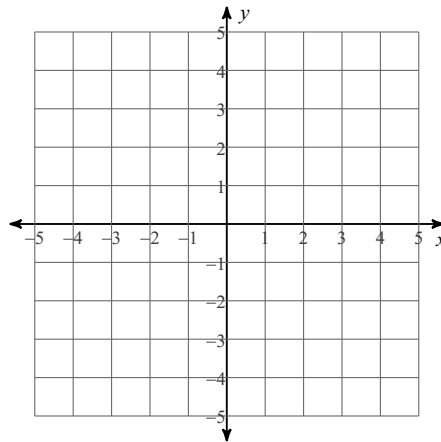
2)  $y = -\frac{3}{4}x + 2$   
 $y = \frac{1}{2}x - 3$



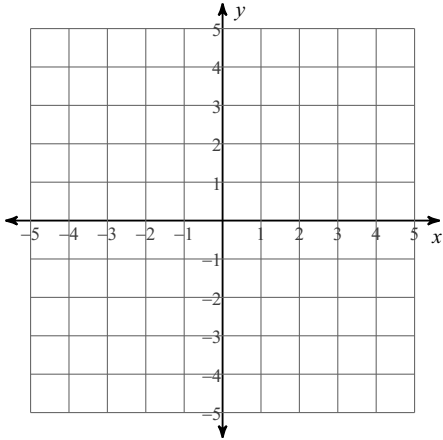
3)  $y = \frac{4}{3}x - 3$   
 $y = -\frac{1}{3}x + 2$



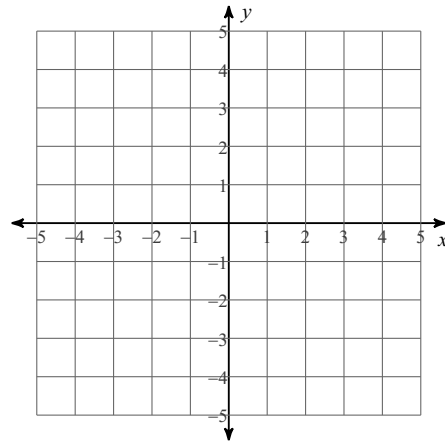
4)  $x = -3$   
 $y = -x - 2$



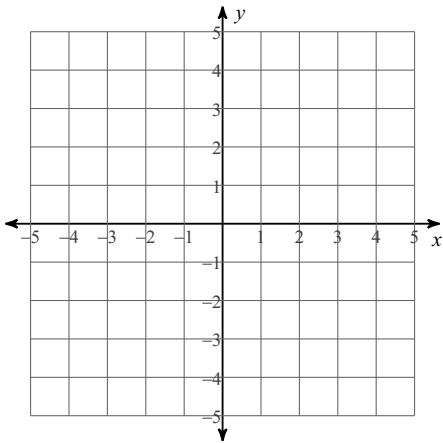
$$5) \begin{aligned} y &= x + 1 \\ y &= 5x - 3 \end{aligned}$$



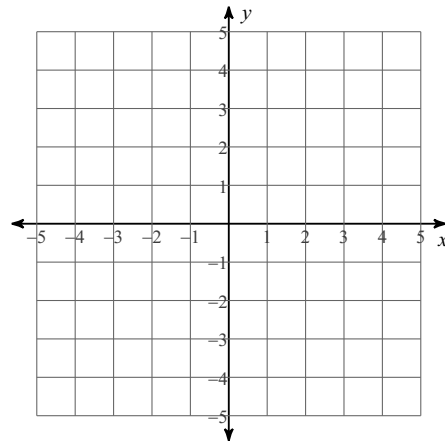
$$6) \begin{aligned} y &= \frac{3}{2}x + 3 \\ y &= -\frac{1}{4}x - 4 \end{aligned}$$



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



$$8) \begin{aligned} y &= \frac{1}{4}x + 3 \\ y &= -\frac{5}{4}x - 3 \end{aligned}$$



## Answers to Homework 10.1

1)  $(-2, 4)$   
5)  $(1, 2)$

2)  $(4, -1)$   
6)  $(-4, -3)$

3)  $(3, 1)$   
7)  $(-3, -3)$

4)  $(-3, 1)$   
8)  $(-4, 2)$