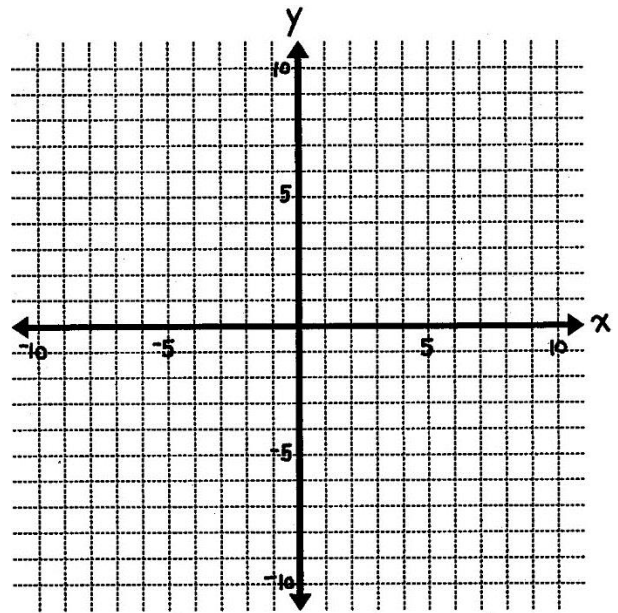
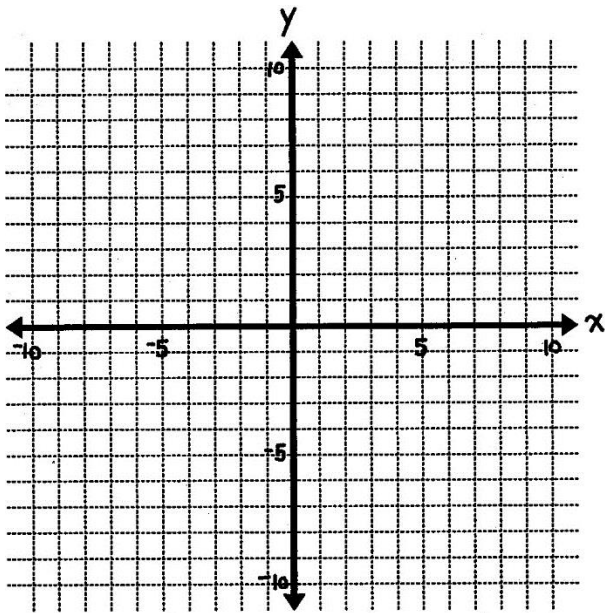


Chapter 5 Review

Solve the systems of linear equations by graphing.

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

2) $3y = -9x + 9$
 $4y + 8x = 4$



Solve the systems of linear equations by substitution.

3) $y = -3x - 7$
 $y = x + 9$

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

$$\begin{aligned} 5) \quad x + 2y &= -8 \\ y &= 2x + 16 \end{aligned}$$

$$\begin{aligned} 6) \quad -x + 5y &= 28 \\ x + 3y &= 20 \end{aligned}$$

Solve the system of linear equations by elimination.

$$\begin{aligned} 7) \quad x + 4y &= 4 \\ -x + 2y &= 8 \end{aligned}$$

$$\begin{aligned} 8) \quad y &= -9x + 2 \\ y &= -3x - 4 \end{aligned}$$

$$\begin{aligned} 9) \quad -10x + 5y &= 30 \\ -2x + 2y &= 6 \end{aligned}$$

$$\begin{aligned} 10) \quad 3x + 18y &= 12 \\ 2x + 8y &= 6 \end{aligned}$$

- 11) The table shows the purchases made by two customers at a meat counter. Determine from the table the amount that a slice of turkey and ham would cost.

	Sliced Turkey (pounds)	Sliced Ham (pounds)	Total Cost
Customer 1	4	1	\$8
Customer 2	2	4	\$11

- 12) A candle shop sells scented candles for \$16 each and unscented candles for \$10 each. The shop sells 28 candles today and makes \$400. How many scented candles did the shop sell today? How many unscented candles did the shop sell today?
- 13) You and your friend are in line behind each other at Pizza My Heart. Your friend's family gets 2 slices of pizza and 3 salads for \$22. Your family gets 3 slices of pizza and 2 salads for \$20.50. How much is a slice of pizza? How much is a salad?