

$$\begin{array}{r} -7 - 5x = 28 \\ +7 \qquad \qquad \qquad +7 \end{array}$$


---

$$\longrightarrow \frac{-5x}{-5} = \frac{35}{-5}$$

$$1x = -7$$

$$\begin{array}{r} -16 + \frac{x}{2} = 35 \\ +16 \qquad \qquad \qquad +16 \end{array}$$


---

$$2\left(\frac{x}{2}\right) = (51)2$$

$$1x = 102$$

15 people

$$\begin{array}{r} 15 + 7(m) = 50 \\ -15 \quad \quad -15 \\ \hline 7m = 35 \\ \swarrow \quad \searrow \\ m = 5 \end{array}$$

$$\begin{array}{l} 15 \\ 15 + 7 \\ 15 + 14 \\ 15 + 21 \\ 15 + 28 \\ 15 + 7(m) \end{array}$$

$15 + 35 = 50 \checkmark$

4 friends (coupon)  
 TC = \$108  
 w coupon = \$76

$$\begin{array}{r} 108 \\ -76 \\ \hline 32 \end{array}$$

$$\frac{32}{4} = \frac{4x}{4}$$

\$8 = x

$$108 - 76 = 4x$$

$$108 - 4x = 76$$

360 ft  ~~= 9 fr / minute~~  
 - 234 yr.

$$\begin{array}{r} 234 = 360 - 9x \\ \underline{-360} \quad \underline{-360} \\ -126 = -9x \\ \underline{-9} \quad \underline{-9} \end{array}$$

$$\frac{9 \text{ fr}}{1 \text{ min}} = \frac{(360 - 234)}{x} \quad 14 = x$$

~~$$\frac{9 \text{ fr}}{1 \text{ min}} = \frac{126 \text{ fr}}{x \text{ min.}}$$~~

$$\frac{126}{9} = \frac{9x}{9}$$

$$14 = x$$

Sec 3-2  $x$  along  
add all like terms

$$-21 = 7(3 - x)$$

$$-21 = 7(3 + -1x)$$

$$-21 = 7(3) + 7(-1x)$$

$$-21 = 21 + -7x$$

$$+ -21 \quad + -21$$

---


$$\frac{-42}{-7} = \frac{-7x}{-7}$$

$$6 = x$$

$$5x - 2(x-1) = 8$$

$$5x + -2(x + -1) = 8$$

$$5x + -2x + 2 = 8$$

$$3x + 2 = 8$$

$$\begin{array}{r} 3x + 2 = 8 \\ \hline 3x = 6 \\ \hline x = 2 \end{array}$$

$$x = 2$$