

$$31) \quad \frac{1}{4}(20 - 8x) = 3 - x$$

$$\begin{array}{r} 5 - 2x = 3 - x \\ +2x \quad \quad +2x \end{array}$$

$$\begin{array}{r} 5 = 3 + x \\ -3 \quad -3 \end{array}$$

$$2 = x$$

$$47) 4(3m + 2) - (2 - 3m) = 2[2(4 + 3m) - (5 - m)]$$

$$12m + 8 - 2 + 3m = 2(8 + 6m - 5 + m)$$

$$2(3 + 7m)$$

$$\begin{array}{r} 15m + 6 \quad -6 \quad 6 + 14m \\ \hline 15m = 14m \\ -15m \quad -15m \\ \hline -1m \end{array}$$

$$\begin{array}{r} 0 = -1m \\ \frac{0}{-1} = \frac{-1m}{-1} \end{array} \quad m = 0$$

