

$$\textcircled{1} \quad \begin{array}{r} 3x - 7 = 4 + 6x \\ -3x \qquad \qquad -3x \\ \hline \end{array}$$

$$\begin{array}{r} -7 = 4 + 3x \\ -4 \quad -4 \\ \hline \end{array}$$

$$\begin{array}{r} -11 = 3x \\ \frac{-11}{3} = \frac{3x}{3} \end{array}$$

$$\textcircled{-\frac{11}{3} = x}$$

$$\textcircled{3} \quad 5 - (x+3) = 2(x+1)$$

$$5 - x - 3 = 2x + 2$$

$$2 - x = 2x + 2$$

$$\begin{array}{r} +x \quad +x \\ \hline \end{array}$$

$$2 = 3x + 2$$

$$\begin{array}{r} -2 \qquad \qquad -2 \\ \hline \end{array}$$

$$0 = 3x$$

$$\textcircled{0 = x}$$

8/8/14

$$\textcircled{1} \quad 4 - 5(-4n + 3)$$

$$4 + 20n - 15$$

$$\textcircled{20n - 11}$$

$$\textcircled{2} \quad 2(x + 3) - 6 = 5x + 1$$

$$2x + \cancel{6} - \cancel{6} = 5x + 1$$

$$2x = 5x + 1$$

$$\begin{array}{r} -5x \quad -5x \\ \hline \end{array}$$

$$\begin{array}{r} -3x = 1 \\ \hline -3 \quad -3 \end{array}$$

$$\textcircled{x = -\frac{1}{3}}$$

$$\textcircled{3} \quad \frac{4 \cdot 4}{9 \cdot 4} + \frac{5 \cdot 3}{12 \cdot 3} = \frac{16}{36} + \frac{15}{36}$$

$$= \frac{31}{36}$$

$$\textcircled{4} \quad -8(-5b + 7) + 5b =$$

$$40b - 56 + 5b =$$

$$45b - 56$$

$$\textcircled{11} \quad \begin{array}{r} 2 + 5x = 7 - 3x \\ + 3x \quad \quad + 3x \\ \hline 2 + 8x = 7 \\ -2 \quad \quad -2 \\ \hline 8x = 5 \\ \frac{8}{8} \quad \frac{5}{8} \\ \hline x = \frac{5}{8} \end{array}$$

$$\textcircled{3} \quad -4p - (1 - 6p) =$$

$$\textcircled{-4p} - 1 \textcircled{+6p}$$

$$2p - 1$$

$$\textcircled{5} \quad \frac{4 \cdot 4}{9 \cdot 4} + \frac{5 \cdot 3}{12 \cdot 3} = \frac{16}{36} + \frac{15}{36} = \textcircled{\frac{31}{36}}$$