

$$\textcircled{10} \quad 7 - y - y = -1$$

$$\begin{array}{r|l} 7 - 2y & = -1 \\ -7 & -7 \\ \hline -2y & = -8 \\ \frac{-2}{-2} & \frac{-8}{-2} \\ \hline y & = 4 \end{array}$$

$$\textcircled{11} \quad 72 + 4 - 14d = 36$$

$$\begin{array}{r|l} 76 - 14d & = 36 \\ -76 & -76 \\ \hline -14d & = -40 \\ \frac{-14}{-14} & \frac{-40}{-14} \\ \hline d & = \frac{20}{7} \end{array}$$

$$\textcircled{12} \quad 13 = 5 + 3b - 13$$

$$\begin{array}{r|l} 13 & = 3b - 8 \\ +8 & +8 \\ \hline 21 & = 3b \\ \frac{21}{3} & \frac{3b}{3} \\ \hline 7 & = b \end{array}$$

$$\textcircled{13} \quad 6p - 2 - 3p = 16$$

$$\begin{array}{r|l} 3p - 2 & = 16 \\ +2 & +2 \\ \hline 3p & = 18 \\ \frac{3p}{3} & \frac{18}{3} \\ \hline p & = 6 \end{array}$$

$$\textcircled{21} \quad 64 = 8(r+2)$$

$$\begin{array}{r|l} 64 & = 8r + 16 \\ -16 & -16 \\ \hline 48 & = 8r \\ \frac{48}{8} & \frac{8r}{8} \\ \hline 6 & = r \end{array}$$

or

$$\begin{array}{r|l} 64 & = 8(r+2) \\ \frac{64}{8} & \frac{8(r+2)}{8} \\ \hline 8 & = r+2 \\ -2 & -2 \\ \hline 6 & = r \end{array}$$

$$\textcircled{22} \quad 5(2x-3) = 15$$

$$\begin{array}{r|l} 10x - 15 & = 15 \\ +15 & +15 \\ \hline 10x & = 30 \\ \frac{10x}{10} & \frac{30}{10} \\ \hline x & = 3 \end{array}$$

or

$$\begin{array}{r|l} 5(2x-3) & = 15 \\ \frac{5(2x-3)}{5} & \frac{15}{5} \\ \hline 2x-3 & = 3 \\ +3 & +3 \\ \hline 2x & = 6 \\ \frac{2x}{2} & \frac{6}{2} \\ \hline x & = 3 \end{array}$$

(25)

$$7(f-1) = 45$$

$$7f - 7 = 45$$

$$+7 \quad +7$$

$$\frac{7f}{7} = \frac{52}{7}$$

$$f = \frac{52}{7}$$

(26)

$$15 = -2(2t-1)$$

$$15 = -4t + 2$$

$$-2 \quad -2$$

$$\frac{13}{-4} = \frac{-4t}{-4}$$

$$-4 \quad -4$$

$$-\frac{13}{4} = t$$

(30)

$$\frac{b}{13} - \frac{3b}{13} = \frac{8}{13}$$

$$(13) \frac{-2b}{13} = \frac{8}{13} (13)$$

$$\frac{-2b}{-2} = \frac{8}{-2}$$

$$b = -4$$

$$(13) \frac{b}{13} - \frac{(13)3b}{13} = \frac{(13)8}{13}$$

or

$$b - 3b = 8$$

$$\frac{-2b}{-2} = \frac{8}{-2}$$

$$b = -4$$

(31)

$$5y - \frac{3}{5} = \frac{4}{5}$$

$$+ \frac{3}{5} \quad + \frac{3}{5}$$

$$\frac{5y}{5} = \frac{7}{5}$$

$$y = \frac{7}{25}$$

(32)

$$\frac{n}{5} - \frac{3n}{10} = \frac{1}{5}$$

$$\frac{2n}{10} - \frac{3n}{10} = \frac{1}{5}$$

$$\frac{2n}{10} - \frac{3n}{10} = \frac{1}{5}$$

$$(10) \frac{-n}{10} = \frac{1}{5} (10)$$

$$\frac{-n}{-1} = \frac{2}{-1}$$

$$n = -2$$

$$(10) \frac{n}{5} - \frac{(10)3n}{10} = \frac{(10)1}{5}$$

or

$$2n - 3n = 2$$

$$\frac{-n}{-1} = \frac{2}{-1}$$

$$n = -2$$

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$$20 + 3x + 20 + 2x = 115$$

$$\begin{array}{r|l} 40 + 5x & = 115 \\ -40 & -40 \\ \hline 5x & = 75 \\ \hline 5 & 5 \\ \hline x & = 15 \end{array}$$

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$$4x - 4 + 4x - 4 + 3x + 2 + 3x + 2 = 360$$

$$\begin{array}{r|l} 14x - 4 & = 360 \\ +4 & +4 \\ \hline 14x & = 364 \\ \hline 14 & 14 \\ \hline x & = 26 \end{array}$$