

$$\begin{array}{l} \textcircled{8} \quad u = vw + z \\ \hline \frac{u-z}{w} = \frac{vw}{w} \\ \hline \frac{u-z}{w} = v \end{array}$$

$$\begin{array}{l} \textcircled{9} \quad x = b - cd \\ \hline \frac{x-b}{-d} = \frac{-cd}{-d} \\ \hline \frac{x-b}{-d} = c \end{array}$$

$$\begin{array}{l} \textcircled{10} \quad fg - 9h = 10j \\ \hline \frac{fg}{f} = \frac{10j + 9h}{f} \\ \hline g = \frac{10j + 9h}{f} \end{array}$$

$$\begin{array}{l} \textcircled{11} \quad 10m - p = -n \\ \hline \frac{10m}{10} = \frac{p-n}{10} \\ \hline m = \frac{p-n}{10} \end{array}$$

$$\begin{array}{l} \textcircled{12} \quad r = \frac{2}{3}t + v \\ \hline \left(\frac{3}{2}\right) r - v = \frac{2}{3}t \quad \left(\frac{3}{2}\right) \\ \hline \frac{3(r-v)}{2} = t \end{array}$$

$$\begin{array}{l} \textcircled{13} \quad \frac{5}{9}v + w = z \\ \hline \left(\frac{9}{5}\right) \frac{5}{9}v = \frac{9(z-w)}{5} \\ \hline v = \frac{9(z-w)}{5} \end{array}$$

$$\begin{array}{l} \textcircled{14} \textcircled{11} \quad \frac{10ac - x}{11} = -3 \textcircled{11} \\ \hline 10ac - x = -33 \\ \hline \frac{10ac}{10c} = \frac{x-33}{10c} \\ \hline a = \frac{x-33}{10c} \end{array}$$

$$\begin{array}{l} \textcircled{15} \textcircled{6} \quad \frac{df + 10}{6} = g \textcircled{6} \\ \hline df + 10 = 6g \\ \hline \frac{df}{d} = \frac{6g - 10}{d} \\ \hline f = \frac{6g - 10}{d} \end{array}$$

$$\begin{array}{l} \textcircled{20} \quad -14n + q = rt - 4n \\ \hline q = rt + 10n \\ \hline \frac{q-rt}{10} = \frac{10n}{10} \\ \hline \frac{q-rt}{10} = n \end{array}$$

$$\begin{array}{l} \textcircled{21} \quad 18t + 11v = w - 13t \\ \hline 31t + 11v = w \\ \hline \frac{31t}{31} = \frac{w-11v}{31} \\ \hline t = \frac{w-11v}{31} \end{array}$$

$$\begin{array}{r|l}
 22 & ax + z = aw - y \\
 & -z \qquad -z \\
 \hline
 & ax = aw - y - z \\
 & -aw \qquad -aw \\
 \hline
 & ax - aw = -y - z \\
 & a(x - w) = -y - z \\
 & \underline{\quad\quad\quad} \quad \underline{\quad\quad\quad} \\
 & x - w \qquad x - w \\
 \hline
 & a = \frac{-y - z}{x - w}
 \end{array}$$

$$\begin{array}{r|l}
 23 & 10c - f = -13 + cd \\
 & +13 \quad +13 \\
 \hline
 & 10c - f + 13 = cd \\
 & -10c \qquad -10c \\
 \hline
 & 13 - f = cd - 10c \\
 & \underline{\quad\quad\quad} = \underline{c(d - 10)} \\
 & d - 10 \qquad d - 10 \\
 \hline
 & \frac{13 - f}{d - 10} = c
 \end{array}$$

$$\begin{array}{r|l}
 29 & t - 7 = r + 6 \\
 & +7 \qquad +7 \\
 \hline
 & t = r + 13
 \end{array}$$

$$\begin{array}{r|l}
 30 & 10 + 8a = 11d - 6 \\
 & -10 \qquad -10 \\
 \hline
 & 8a = 11d - 16 \\
 & \underline{\quad\quad\quad} \\
 & \frac{8a}{8} = \frac{11d - 16}{8} \\
 \hline
 & a = \frac{11d - 16}{8}
 \end{array}$$

$$\begin{array}{r|l}
 31 & \frac{9}{10}g = 7 + \frac{2}{3}k \\
 & -7 \qquad -7 \\
 \hline
 (\frac{3}{2}) & (\frac{9}{10}g - 7) = \frac{2}{3}k \quad (\frac{3}{2}) \\
 \hline
 & \frac{27}{20}g - \frac{21}{2} = k
 \end{array}$$

$$\begin{array}{r|l}
 32 & \frac{3}{4}p - 2 = \frac{5}{6}r + 5 \\
 & -5 \qquad -5 \\
 \hline
 (\frac{6}{5}) & \frac{3}{4}p - 7 = \frac{5}{6}r \quad (\frac{6}{5}) \\
 \hline
 & \frac{9}{10}p - \frac{42}{5} = r
 \end{array}$$