

$$\begin{aligned}
\textcircled{w} \quad & 9 - \{5[3(2n-8)-4] + 5\} = -7 \\
& 9 - \{5[6n-24-4] + 5\} = -7 \\
& 9 - \{5[6n-28] + 5\} = -7 \\
& 9 - \{30n - 140 + 5\} = -7 \\
& 9 - \{30n - 135\} = -7 \\
& 9 - 30n + 135 = -7 \\
& -30n + 144 = -7 \\
& \quad \quad \quad \underline{-144 \quad -144} \\
& \quad \quad \quad -30n = -151 \\
& \quad \quad \quad \underline{-30 \quad -30} \\
& \quad \quad \quad n = 5 \frac{1}{30}
\end{aligned}$$

$$\begin{aligned}
\textcircled{x} \quad & 2(3 - (4y+8)) - (9 - 2(3y+5)) = 10 \\
& 2(3 - 4y - 8) - (9 - 6y - 10) = 10 \\
& 2(-4y - 5) - (-6y - 1) = 10 \\
& -8y - 10 + 6y + 1 = 10 \\
& -2y - 9 = 10 \\
& \quad \quad \quad \underline{+9 \quad +9} \\
& \quad \quad \quad -2y = 1 \\
& \quad \quad \quad y = -\frac{1}{2}
\end{aligned}$$

$$\begin{aligned}
\textcircled{y} \quad & 7(8f - 5(2f-8)) - (5 + 4(5f-9)) + 5(f+5) + 5(9f - (7 + 2(5f+8))) + 12 = 15 \\
& 7(8f - 10f + 40) - (5 + 20f - 36) + 5f + 25 + 5(9f - (7 + 10f + 16)) + 12 = 15 \\
& 7(-2f + 40) - (20f - 31) + 5f + 25 + 5(9f - (10f + 23)) + 12 = 15 \\
& -14f + 280 - 20f + 31 + 5f + 25 + 5(9f - 10f - 23 + 12) = 15 \\
& -29f + 336 + 5(-f - 11) = 15 \\
& -29f + 336 - 5f - 55 = 15 \\
& -34f + 281 = 15 \\
& \quad \quad \quad \underline{-281 \quad -281} \\
& \quad \quad \quad -34f = -266 \\
& \quad \quad \quad \underline{-34 \quad -34} \\
& \quad \quad \quad f = 7 \frac{14}{17}
\end{aligned}$$