

$$\begin{aligned} \textcircled{q} \quad & 5 - (9 - 8x) - (3(2x - 5) - 2) = 7x - 5 \\ & 5 - 9 + 8x - (6x - 15 - 2) = 7x - 5 \\ & -4 + 8x - (6x - 17) = 7x - 5 \\ & -4 + 8x - 6x + 17 = 7x - 5 \\ & \quad 2x + 13 = 7x - 5 \\ & \quad \underline{-2x \qquad -2x} \\ & \quad 13 = 5x - 5 \\ & \quad \underline{+5 \qquad +5} \\ & \quad 18 = 5x \\ & \quad \underline{5 \quad 5} \\ & \quad 3\frac{3}{5} = x \end{aligned}$$

$$\begin{aligned} & 8 - \{-[-(3x - 8)]\} = 2(4x - 5) - (2 - 3x) \\ & 8 - \{-[-3x + 8]\} = 8x - 10 - 2 + 3x \\ & 8 - \{3x - 8\} = 11x - 12 \\ & 8 - 3x + 8 = 11x - 12 \\ & \quad -3x + 16 = 11x - 12 \\ & \quad \underline{+3x \qquad 3x} \\ & \quad 16 = 14x - 12 \\ & \quad \underline{+12 \qquad +12} \\ & \quad 28 = 14x \\ & \quad \underline{14 \quad 14} \\ & \quad 2 = x \end{aligned}$$

$$\begin{aligned} \textcircled{r} \quad & 9 - \{5[3(2n - 8) - 4] + 5\} = 3n - 7(2n - 8) - (8 - n) \\ & 9 - \{5[6n - 24 - 4] + 5\} = 3n - 14 + 56 - 8 + n \\ & 9 - \{5[6n - 28] + 5\} = 4n + 34 \\ & 9 - \{30n - 140 + 5\} = 4n + 34 \\ & 9 - \{30n - 135\} = 4n + 34 \\ & 9 - 30n + 135 = 4n + 34 \\ & -30n + 144 = 4n + 34 \\ & \quad \underline{+30n \qquad 30n} \\ & \quad 144 = 34n + 34 \\ & \quad \underline{-34 \qquad -34} \\ & \quad 110 = 34n \\ & \quad \underline{34 \quad 34} \end{aligned}$$

$n = 3\frac{1}{7}$

$$\begin{aligned} \textcircled{s} \quad & 2(3 - (4y + 8)) - (9 - 2(3y + 5)) = (2y - 8) - 8 - (5 - y) - 9y + 10 \\ & 2(3 - 4y - 8) - (9 - 6y - 10) = 2y - 16 - 5 + y - 9y + 10 \\ & 2(-5 - 4y) - (-6y - 1) = -6y - 11 \\ & -10 - 8y + 6y + 1 = -6y - 11 \\ & \quad -9 - 2y = -6y - 11 \\ & \quad \underline{+6y \quad +6y} \\ & \quad -9 + 4y = -11 \\ & \quad \underline{+9 \qquad +9} \\ & \quad 4y = -2 \\ & \quad \frac{4y}{4} = \frac{-2}{4} \end{aligned}$$

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