

第35回 1次式の加法・減法 演習編1

解答

$$\begin{aligned} \textcircled{1} \quad & -8x - 8 - 7 + x \\ & = -8x + x - 8 - 7 \\ & = -7x - 15 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 4 - 4x + 7 - 6x \\ & = -4x - 6x + 4 + 7 \\ & = -10x + 11 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & (11 - 4x) + (4x - 9) \\ & = 11 - 4x + 4x - 9 = -4x + 4x + 11 - 9 \\ & = 2 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & -5x - (5 - 5x) \\ & = -5x - 5 + 5x = -5x + 5x - 5 \\ & = -5 \end{aligned}$$

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

$$\begin{array}{r} \textcircled{6} \quad 3x + 8 \\ +) 4x - 5 \\ \hline 7x + 3 \end{array}$$

$$\begin{array}{r} \textcircled{7} \quad -3x + 4 \\ -) -x - 4 \\ \hline -2x + 8 \end{array}$$