

第30回 1次式 講義編2

解答

次の計算をせよ。(同類項をまとめよ)

$$\begin{aligned} \textcircled{1} \quad & 3x+4x \\ & = (3+4) \times x = 7x \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 4a-5a \\ & = (4-5) \times a = (-1) \times a = -a \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 8m-6m+m \\ & = (8-6+1) \times m = 3m \end{aligned}$$

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

$$\begin{aligned} \textcircled{5} \quad & \frac{a}{2} - \frac{a}{4} \\ & = \left(\frac{1}{2} - \frac{1}{4}\right) \times a = \left(\frac{2}{4} - \frac{1}{4}\right) \times a = \frac{1}{4}a = \frac{a}{4} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & x + \frac{x}{4} \\ & = \left(1 + \frac{1}{4}\right) \times x = \left(\frac{4}{4} + \frac{1}{4}\right) \times x = \frac{5}{4}x \end{aligned}$$