

1 次式の加法

1 次式の加法では、同じ文字の項、数の項をまとめて計算する。

$$\begin{aligned} 1 \quad & (0.2x + 0.4) + (0.5x + 0.1) \\ & = 0.2x + 0.4 + 0.5x + 0.1 \\ & = 0.2x + 0.5x + 0.4 + 0.1 \\ & = 0.7x + 0.5 \end{aligned}$$

$$\begin{aligned} 2 \quad & (-0.4x + 0.3) + (0.5x - 0.2) \\ & = -0.4x + 0.3 + 0.5x - 0.2 \\ & = -0.4x + 0.5x + 0.3 - 0.2 \\ & = 0.1x + 0.1 \end{aligned}$$

1 次の計算をなさい。

$$\textcircled{1} \quad (0.3x + 0.2) + (0.4x + 0.7)$$

$$\textcircled{2} \quad (0.6x + 0.5) + (0.2x - 0.3)$$

$$\textcircled{3} \quad (0.8x - 0.6) + (0.4x + 0.2)$$

$$\textcircled{4} \quad (0.7x + 0.9) + (0.5x - 0.2)$$

$$\textcircled{5} \quad (0.3x + 0.5) + (-0.2x - 0.7)$$

$$\textcircled{6} \quad (0.6x - 0.8) + (-0.2x + 0.4)$$

$$\textcircled{7} \quad (-0.5x + 0.1) + (0.8x - 0.7)$$

$$\textcircled{8} \quad (-0.6x - 0.3) + (-0.4x - 0.5)$$

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1 次式の加法では、同じ文字の項、数の項をまとめて計算する。

$$\begin{aligned} 1 \quad & (0.2x + 0.4) + (0.5x + 0.1) \\ & = 0.2x + 0.4 + 0.5x + 0.1 \\ & = 0.2x + 0.5x + 0.4 + 0.1 \\ & = 0.7x + 0.5 \end{aligned}$$

$$\begin{aligned} 2 \quad & (-0.4x + 0.3) + (0.5x - 0.2) \\ & = -0.4x + 0.3 + 0.5x - 0.2 \\ & = -0.4x + 0.5x + 0.3 - 0.2 \\ & = 0.1x + 0.1 \end{aligned}$$

1 次の計算をなさい。

$$\begin{aligned} ① \quad & (0.3x + 0.2) + (0.4x + 0.7) \\ & = 0.3x + 0.2 + 0.4x + 0.7 \\ & = 0.3x + 0.4x + 0.2 + 0.7 \\ & = 0.7x + 0.9 \end{aligned}$$

$$\begin{aligned} ② \quad & (0.6x + 0.5) + (0.2x - 0.3) \\ & = 0.6x + 0.5 + 0.2x - 0.3 \\ & = 0.6x + 0.2x + 0.5 - 0.3 \\ & = 0.8x + 0.2 \end{aligned}$$

$$\begin{aligned} ③ \quad & (0.8x - 0.6) + (0.4x + 0.2) \\ & = 0.8x - 0.6 + 0.4x + 0.2 \\ & = 0.8x + 0.4x - 0.6 + 0.2 \\ & = 1.2x - 0.4 \end{aligned}$$

$$\begin{aligned} ④ \quad & (0.7x + 0.9) + (0.5x - 0.2) \\ & = 0.7x + 0.9 + 0.5x - 0.2 \\ & = 0.7x + 0.5x + 0.9 - 0.2 \\ & = 1.2x + 0.7 \end{aligned}$$

$$\begin{aligned} ⑤ \quad & (0.3x + 0.5) + (-0.2x - 0.7) \\ & = 0.3x + 0.5 - 0.2x - 0.7 \\ & = 0.3x - 0.2x + 0.5 - 0.7 \\ & = 0.1x - 0.2 \end{aligned}$$

$$\begin{aligned} ⑥ \quad & (0.6x - 0.8) + (-0.2x + 0.4) \\ & = 0.6x - 0.8 - 0.2x + 0.4 \\ & = 0.6x - 0.2x - 0.8 + 0.4 \\ & = 0.4x - 0.4 \end{aligned}$$

$$\begin{aligned} ⑦ \quad & (-0.5x + 0.1) + (0.8x - 0.7) \\ & = -0.5x + 0.1 + 0.8x - 0.7 \\ & = -0.5x + 0.8x + 0.1 - 0.7 \\ & = 0.3x - 0.6 \end{aligned}$$

$$\begin{aligned} ⑧ \quad & (-0.6x - 0.3) + (-0.4x - 0.5) \\ & = -0.6x - 0.3 - 0.4x - 0.5 \\ & = -0.6x - 0.4x - 0.3 - 0.5 \\ & = -x - 0.8 \end{aligned}$$