

1 次式の減法

1 次式の減法では、**ひく式の符号を変えて計算**する。

$$\begin{aligned}
 \text{1} \quad & (0.2x + 0.4) - (0.5x + 0.1) \\
 & = 0.2x + 0.4 - 0.5x - 0.1 \\
 & = 0.2x - 0.5x + 0.4 - 0.1 \\
 & = -0.3x + 0.3
 \end{aligned}$$

$$\begin{aligned}
 \text{2} \quad & (-0.4x + 0.3) - (0.5x - 0.2) \\
 & = -0.4x + 0.3 - 0.5x + 0.2 \\
 & = -0.4x - 0.5x + 0.3 + 0.2 \\
 & = -0.9x + 0.5
 \end{aligned}$$

1 次の計算をなさい。

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

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

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

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

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

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

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

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

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1 次式の減法では、ひく式の符号を変えて計算する。

$$\begin{aligned} 1 \quad & (0.2x + 0.4) - (0.5x + 0.1) \\ & = 0.2x + 0.4 - 0.5x - 0.1 \\ & = 0.2x - 0.5x + 0.4 - 0.1 \\ & = -0.3x + 0.3 \end{aligned}$$

$$\begin{aligned} 2 \quad & (-0.4x + 0.3) - (0.5x - 0.2) \\ & = -0.4x + 0.3 - 0.5x + 0.2 \\ & = -0.4x - 0.5x + 0.3 + 0.2 \\ & = -0.9x + 0.5 \end{aligned}$$

1 次の計算をなさい。

$$\begin{aligned} ① \quad & (0.3x + 0.2) - (0.4x + 0.7) \\ & = 0.3x + 0.2 - 0.4x - 0.7 \\ & = 0.3x - 0.4x + 0.2 - 0.7 \\ & = -0.1x - 0.5 \end{aligned}$$

$$\begin{aligned} ② \quad & (0.6x + 0.5) - (0.2x - 0.3) \\ & = 0.6x + 0.5 - 0.2x + 0.3 \\ & = 0.6x - 0.2x + 0.5 + 0.3 \\ & = 0.4x + 0.8 \end{aligned}$$

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

$$\begin{aligned} ④ \quad & (0.7x + 0.9) - (0.5x - 0.2) \\ & = 0.7x + 0.9 - 0.5x + 0.2 \\ & = 0.7x - 0.5x + 0.9 + 0.2 \\ & = 0.2x + 1.1 \end{aligned}$$

$$\begin{aligned} ⑤ \quad & (0.3x + 0.5) - (-0.2x - 0.7) \\ & = 0.3x + 0.5 + 0.2x + 0.7 \\ & = 0.3x + 0.2x + 0.5 + 0.7 \\ & = 0.5x + 1.2 \end{aligned}$$

$$\begin{aligned} ⑥ \quad & (0.6x - 0.8) - (-0.2x + 0.4) \\ & = 0.6x - 0.8 + 0.2x - 0.4 \\ & = 0.6x + 0.2x - 0.8 - 0.4 \\ & = 0.8x - 1.2 \end{aligned}$$

$$\begin{aligned} ⑦ \quad & (-0.5x + 0.1) - (0.8x - 0.7) \\ & = -0.5x + 0.1 - 0.8x + 0.7 \\ & = -0.5x - 0.8x + 0.1 + 0.7 \\ & = -1.3x + 0.8 \end{aligned}$$

$$\begin{aligned} ⑧ \quad & (-0.6x - 0.3) - (-0.4x - 0.5) \\ & = -0.6x - 0.3 + 0.4x + 0.5 \\ & = -0.6x + 0.4x - 0.3 + 0.5 \\ & = -0.2x + 0.2 \end{aligned}$$