

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。

$$\begin{aligned} 1 \quad & (2x+4) + (5x+1) \\ & = 2x+4+5x+1 \\ & = 2x+5x+4+1 \\ & = 7x+5 \end{aligned}$$

$$\begin{aligned} 2 \quad & (-4x+3) + (5x-2) \\ & = -4x+3+5x-2 \\ & = -4x+5x+3-2 \\ & = x+1 \end{aligned}$$

1 次の計算をなさい。

$$\textcircled{1} \quad (3x+2) + (4x+7)$$

$$\textcircled{2} \quad (6x+5) + (2x-3)$$

$$\textcircled{3} \quad (8x-6) + (4x+2)$$

$$\textcircled{4} \quad (7x+9) + (5x-2)$$

$$\textcircled{5} \quad (3x+5) + (-2x-7)$$

$$\textcircled{6} \quad (6x-8) + (-2x+4)$$

$$\textcircled{7} \quad (-5x+1) + (8x-7)$$

$$\textcircled{8} \quad (-6x-3) + (-4x-5)$$

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1 次の計算をなさい。

$$\begin{aligned}
 ① \quad & (3x+2) + (4x+7) \\
 & = 3x+2+4x+7 \\
 & = 3x+4x+2+7 \\
 & = 7x+9
 \end{aligned}$$

$$\begin{aligned}
 ② \quad & (6x+5) + (2x-3) \\
 & = 6x+5+2x-3 \\
 & = 6x+2x+5-3 \\
 & = 8x+2
 \end{aligned}$$

$$\begin{aligned}
 ③ \quad & (8x-6) + (4x+2) \\
 & = 8x-6+4x+2 \\
 & = 8x+4x-6+2 \\
 & = 12x-4
 \end{aligned}$$

$$\begin{aligned}
 ④ \quad & (7x+9) + (5x-2) \\
 & = 7x+9+5x-2 \\
 & = 7x+5x+9-2 \\
 & = 12x+7
 \end{aligned}$$

$$\begin{aligned}
 ⑤ \quad & (3x+5) + (-2x-7) \\
 & = 3x+5-2x-7 \\
 & = 3x-2x+5-7 \\
 & = x-2
 \end{aligned}$$

$$\begin{aligned}
 ⑥ \quad & (6x-8) + (-2x+4) \\
 & = 6x-8-2x+4 \\
 & = 6x-2x-8+4 \\
 & = 4x-4
 \end{aligned}$$

$$\begin{aligned}
 ⑦ \quad & (-5x+1) + (8x-7) \\
 & = -5x+1+8x-7 \\
 & = -5x+8x+1-7 \\
 & = 3x-6
 \end{aligned}$$

$$\begin{aligned}
 ⑧ \quad & (-6x-3) + (-4x-5) \\
 & = -6x-3-4x-5 \\
 & = -6x-4x-3-5 \\
 & = -10x-8
 \end{aligned}$$