

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。

① $(3x + 2) + (4x + 7)$

② $(6x + 5) + (2x - 3)$

③ $(8x - 6) + (4x + 2)$

④ $(7x + 9) + (5x - 2)$

⑤ $(3x + 5) + (-2x - 7)$

⑥ $(6x - 8) + (-2x + 4)$

⑦ $(-5x + 1) + (8x - 7)$

⑧ $(-6x - 3) + (-4x - 5)$

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

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

1 次の計算をなさい。

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

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

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

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

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

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

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

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