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1 次式の計算

年 組 番 名前

● 例題 1 ●

次の計算をなさい。

$$\begin{aligned} (1) \quad & (a+7)+(2a-5) \\ & = a+7+2a-5 \\ & = a+2a+7-5 \\ & = \underline{\underline{3a+2}} \end{aligned}$$

→59の例題3へ

問1 次の計算をなさい。

$$\begin{aligned} (1) \quad & (3a+2)+(2a+6) \\ & = 3a+2+2a+6 \\ & = 3a+2a+2+6 \\ & = \underline{\underline{5a+8}} \end{aligned}$$

$$\begin{aligned} (2) \quad & (a+5)+(3a-8) \\ & = a+5+3a-8 \\ & = a+3a+5-8 \\ & = \underline{\underline{4a-3}} \end{aligned}$$

$$\begin{aligned} (3) \quad & (2x-7)+(7x-1) \\ & = 2x-7+7x-1 \\ & = 2x+7x-7-1 \\ & = \underline{\underline{9x-8}} \end{aligned}$$

$$\begin{aligned} (4) \quad & (4x+6)+(-3x+3) \\ & = 4x+6-3x+3 \\ & = 4x-3x+6+3 \\ & = \underline{\underline{x+9}} \end{aligned}$$

$$\begin{aligned} (5) \quad & (x-9)+(3-5x) \\ & = x-9+3-5x \\ & = x-5x-9+3 \\ & = \underline{\underline{-4x-6}} \end{aligned}$$

● 例題 2 ●

次の計算をなさい。

$$\begin{aligned} (1) \quad & \begin{array}{r} a+7 \\ +) 2a-5 \\ \hline \end{array} \\ & \underline{\underline{3a+2}} \end{aligned}$$

→59の例題3へ

問2 次の計算をなさい。

$$\begin{aligned} (1) \quad & \begin{array}{r} 3a+6 \\ +) 2a-4 \\ \hline \end{array} \\ & \underline{\underline{5a+2}} \end{aligned}$$

$$\begin{aligned} (2) \quad & \begin{array}{r} -x+3 \\ +) 2x-7 \\ \hline \end{array} \\ & \underline{\underline{x-4}} \end{aligned}$$

$$\begin{aligned} (3) \quad & \begin{array}{r} 4x+8 \\ +) -9x-8 \\ \hline \end{array} \\ & \underline{\underline{-5x}} \end{aligned}$$

● 例題 3 ●

次の計算をなさい。

$$\begin{aligned} (1) \quad & (a+7)-(+2a-5) \\ & = (a+7)+(-2a+5) \\ & = a+7-2a+5 \\ & = \underline{\underline{-a+12}} \end{aligned}$$

→59の例題3へ

問3 次の計算をなさい。

$$\begin{aligned} (1) \quad & (4a+7)-(+2a+6) \\ & = (4a+7)+(-2a-6) \\ & = 4a+7-2a-6 \\ & = \underline{\underline{2a+1}} \end{aligned}$$

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

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

$$\begin{aligned} (4) \quad & (5x+8)-(-4x+5) \\ & = (5x+8)+(4x-5) \\ & = 5x+8+4x-5 \\ & = \underline{\underline{9x+3}} \end{aligned}$$

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

● 例題 4 ●

次の計算をなさい。

$$\begin{aligned} (1) \quad & \begin{array}{r} a+7 \\ -) 2a-5 \\ \hline \end{array} \Rightarrow \begin{array}{r} a+7 \\ +) -2a+5 \\ \hline \end{array} \\ & \underline{\underline{-a+12}} \end{aligned}$$

→59の例題3へ

問4 次の計算をなさい。

$$\begin{aligned} (1) \quad & \begin{array}{r} a+5 \\ -) 3a+4 \\ \hline \end{array} \Rightarrow \begin{array}{r} a+5 \\ +) -3a-4 \\ \hline \end{array} \\ & \underline{\underline{-2a+1}} \end{aligned}$$

$$\begin{aligned} (2) \quad & \begin{array}{r} -x+4 \\ -) 8x-7 \\ \hline \end{array} \Rightarrow \begin{array}{r} -1x+4 \\ +) -8x+7 \\ \hline \end{array} \\ & \underline{\underline{-9x+11}} \end{aligned}$$

$$\begin{aligned} (3) \quad & \begin{array}{r} 6x-3 \\ -) -7x-8 \\ \hline \end{array} \Rightarrow \begin{array}{r} 6x-3 \\ +) 7x+8 \\ \hline \end{array} \\ & \underline{\underline{13x+5}} \end{aligned}$$