

1 次の計算をなさい。

①  $5(2x+3)+4(8x+5)$

②  $2(4x+7)-3(5x-6)$

③  $7(7x-8)+4(2x+5)$

④  $3(4x+3)+5(2x-9)$

⑤  $9(6x+8)-2(-7x-3)$

⑥  $-4(5x-3)-5(-8x+2)$

⑦  $2(-4x+5)+4(8x-6)$

⑧  $8(-3x+5)-5(-4x-7)$

⑨  $3(8x-3)-7(-4x-5)$

⑩  $6(-7x-6)+4(9x-2)$

⑪  $-2(-3x+5)+5(4x+8)$

⑫  $3(-3x+2)-5(-4x-8)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 5(2x+3) + 4(8x+5) \\ & = 10x + 15 + 32x + 20 \\ & = 10x + 32x + 15 + 20 \\ & = 42x + 35 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 2(4x+7) - 3(5x-6) \\ & = 8x + 14 - 15x + 18 \\ & = 8x - 15x + 14 + 18 \\ & = -7x + 32 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 7(7x-8) + 4(2x+5) \\ & = 49x - 56 + 8x + 20 \\ & = 49x + 8x - 56 + 20 \\ & = 57x - 36 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 3(4x+3) + 5(2x-9) \\ & = 12x + 9 + 10x - 45 \\ & = 12x + 10x + 9 - 45 \\ & = 22x - 36 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 9(6x+8) - 2(-7x-3) \\ & = 54x + 72 + 14x + 6 \\ & = 54x + 14x + 72 + 6 \\ & = 68x + 78 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -4(5x-3) - 5(-8x+2) \\ & = -20x + 12 + 40x - 10 \\ & = -20x + 40x + 12 - 10 \\ & = 20x + 2 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 2(-4x+5) + 4(8x-6) \\ & = -8x + 10 + 32x - 24 \\ & = -8x + 32x + 10 - 24 \\ & = 24x - 14 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 8(-3x+5) - 5(-4x-7) \\ & = -24x + 40 + 20x + 35 \\ & = -24x + 20x + 40 + 35 \\ & = -4x + 75 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 3(8x-3) - 7(-4x-5) \\ & = 24x - 9 + 28x + 35 \\ & = 24x + 28x - 9 + 35 \\ & = 52x + 26 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 6(-7x-6) + 4(9x-2) \\ & = -42x - 36 + 36x - 8 \\ & = -42x + 36x - 36 - 8 \\ & = -6x - 44 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -2(-3x+5) + 5(4x+8) \\ & = 6x - 10 + 20x + 40 \\ & = 6x + 20x - 10 + 40 \\ & = 26x + 30 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & 3(-3x+2) - 5(-4x-8) \\ & = -9x + 6 + 20x + 40 \\ & = -9x + 20x + 6 + 40 \\ & = 11x + 46 \end{aligned}$$