

1 次の計算をなさい。

① $5(4x+2) + 2(3x+7)$

② $4(2x+5) - 8(8x-3)$

③ $7(6x-5) + 3(9x+2)$

④ $9(4x+2) + 2(5x-8)$

⑤ $3(2x+9) - 6(-6x-3)$

⑥ $-8(5x-7) - 5(-4x+2)$

⑦ $4(-8x+2) + 3(7x-6)$

⑧ $2(-3x+5) - 4(-2x-9)$

⑨ $6(6x-4) - 5(-5x-2)$

⑩ $3(-3x-8) + 8(4x-7)$

⑪ $-7(-6x+9) + 6(5x+3)$

⑫ $2(-2x+4) - 3(-6x-3)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 5(4x+2) + 2(3x+7) \\ & = 20x + 10 + 6x + 14 \\ & = 20x + 6x + 10 + 14 \\ & = 26x + 24 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 4(2x+5) - 8(8x-3) \\ & = 8x + 20 - 64x + 24 \\ & = 8x - 64x + 20 + 24 \\ & = -56x + 44 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 7(6x-5) + 3(9x+2) \\ & = 42x - 35 + 27x + 6 \\ & = 42x + 27x - 35 + 6 \\ & = 69x - 29 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 9(4x+2) + 2(5x-8) \\ & = 36x + 18 + 10x - 16 \\ & = 36x + 10x + 18 - 16 \\ & = 46x + 2 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 3(2x+9) - 6(-6x-3) \\ & = 6x + 27 + 36x + 18 \\ & = 6x + 36x + 27 + 18 \\ & = 42x + 45 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -8(5x-7) - 5(-4x+2) \\ & = -40x + 56 + 20x - 10 \\ & = -40x + 20x + 56 - 10 \\ & = -20x + 46 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 4(-8x+2) + 3(7x-6) \\ & = -32x + 8 + 21x - 18 \\ & = -32x + 21x + 8 - 18 \\ & = -11x - 10 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 2(-3x+5) - 4(-2x-9) \\ & = -6x + 10 + 8x + 36 \\ & = -6x + 8x + 10 + 36 \\ & = 2x + 46 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 6(6x-4) - 5(-5x-2) \\ & = 36x - 24 + 25x + 10 \\ & = 36x + 25x - 24 + 10 \\ & = 61x - 14 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 3(-3x-8) + 8(4x-7) \\ & = -9x - 24 + 32x - 56 \\ & = -9x + 32x - 24 - 56 \\ & = 23x - 80 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -7(-6x+9) + 6(5x+3) \\ & = 42x - 63 + 30x + 18 \\ & = 42x + 30x - 63 + 18 \\ & = 72x - 45 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & 2(-2x+4) - 3(-6x-3) \\ & = -4x + 8 + 18x + 9 \\ & = -4x + 18x + 8 + 9 \\ & = 14x + 17 \end{aligned}$$