

1 次の計算をなさい。

① $2(x+4) + 3(3x+2)$

② $5(7x+4) - 4(2x-8)$

③ $6(5x-4) + 2(6x+1)$

④ $7(8x+5) + 3(4x-6)$

⑤ $2(3x+4) - 5(-7x-2)$

⑥ $-4(8x-4) - 3(-6x+9)$

⑦ $7(-4x+3) + 2(2x-8)$

⑧ $3(-6x+4) - 5(-2x-7)$

⑨ $2(6x-2) - 9(-4x-8)$

⑩ $4(-6x-4) + 3(7x-3)$

⑪ $-2(-4x+8) + 5(3x+4)$

⑫ $4(-5x+1) - 6(-8x-7)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 2(x+4) + 3(3x+2) \\ & = 2x + 8 + 9x + 6 \\ & = 2x + 9x + 8 + 6 \\ & = 11x + 14 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 5(7x+4) - 4(2x-8) \\ & = 35x + 20 - 8x + 32 \\ & = 35x - 8x + 20 + 32 \\ & = 27x + 52 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 6(5x-4) + 2(6x+1) \\ & = 30x - 24 + 12x + 2 \\ & = 30x + 12x - 24 + 2 \\ & = 42x - 22 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 7(8x+5) + 3(4x-6) \\ & = 56x + 35 + 12x - 18 \\ & = 56x + 12x + 35 - 18 \\ & = 68x + 17 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 2(3x+4) - 5(-7x-2) \\ & = 6x + 8 + 35x + 10 \\ & = 6x + 35x + 8 + 10 \\ & = 41x + 18 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -4(8x-4) - 3(-6x+9) \\ & = -32x + 16 + 18x - 27 \\ & = -32x + 18x + 16 - 27 \\ & = -14x - 11 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 7(-4x+3) + 2(2x-8) \\ & = -28x + 21 + 4x - 16 \\ & = -28x + 4x + 21 - 16 \\ & = -24x + 5 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 3(-6x+4) - 5(-2x-7) \\ & = -18x + 12 + 10x + 35 \\ & = -18x + 10x + 12 + 35 \\ & = -8x + 47 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 2(6x-2) - 9(-4x-8) \\ & = 12x - 4 + 36x + 72 \\ & = 12x + 36x - 4 + 72 \\ & = 48x + 68 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 4(-6x-4) + 3(7x-3) \\ & = -24x - 16 + 21x - 9 \\ & = -24x + 21x - 16 - 9 \\ & = -3x - 25 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -2(-4x+8) + 5(3x+4) \\ & = 8x - 16 + 15x + 20 \\ & = 8x + 15x - 16 + 20 \\ & = 23x + 4 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & 4(-5x+1) - 6(-8x-7) \\ & = -20x + 4 + 48x + 42 \\ & = -20x + 48x + 4 + 42 \\ & = 28x + 46 \end{aligned}$$