

1 次の計算をなさい。

①  $2(3x+5)+6(7x+2)$

②  $7(2x+4)-4(6x-8)$

③  $3(8x-6)+5(3x+4)$

④  $4(7x+9)+8(3x-2)$

⑤  $5(4x+5)-3(-2x-8)$

⑥  $-7(7x-6)-5(-5x+3)$

⑦  $9(-2x+8)+6(9x-7)$

⑧  $3(-4x+6)-4(-5x-3)$

⑨  $2(4x-9)-6(-2x-6)$

⑩  $4(-6x-3)+7(2x-5)$

⑪  $-5(-5x+4)+3(3x+2)$

⑫  $3(-8x+4)-4(-9x-5)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad & 2(3x+5) + 6(7x+2) \\ & = 6x + 10 + 42x + 12 \\ & = 6x + 42x + 10 + 12 \\ & = 48x + 22 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 7(2x+4) - 4(6x-8) \\ & = 14x + 28 - 24x + 32 \\ & = 14x - 24x + 28 + 32 \\ & = -10x + 60 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 3(8x-6) + 5(3x+4) \\ & = 24x - 18 + 15x + 20 \\ & = 24x + 15x - 18 + 20 \\ & = 39x + 2 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 4(7x+9) + 8(3x-2) \\ & = 28x + 36 + 24x - 16 \\ & = 28x + 24x + 36 - 16 \\ & = 52x + 20 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 5(4x+5) - 3(-2x-8) \\ & = 20x + 25 + 6x + 24 \\ & = 20x + 6x + 25 + 24 \\ & = 26x + 49 \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -7(7x-6) - 5(-5x+3) \\ & = -49x + 42 + 25x - 15 \\ & = -49x + 25x + 42 - 15 \\ & = -24x + 27 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & 9(-2x+8) + 6(9x-7) \\ & = -18x + 72 + 54x - 42 \\ & = -18x + 54x + 72 - 42 \\ & = 36x + 30 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & 3(-4x+6) - 4(-5x-3) \\ & = -12x + 18 + 20x + 12 \\ & = -12x + 20x + 18 + 12 \\ & = 8x + 30 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 2(4x-9) - 6(-2x-6) \\ & = 8x - 18 + 12x + 36 \\ & = 8x + 12x - 18 + 36 \\ & = 20x + 18 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 4(-6x-3) + 7(2x-5) \\ & = -24x - 12 + 14x - 35 \\ & = -24x + 14x - 12 - 35 \\ & = -10x - 47 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -5(-5x+4) + 3(3x+2) \\ & = 25x - 20 + 9x + 6 \\ & = 25x + 9x - 20 + 6 \\ & = 34x - 14 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & 3(-8x+4) - 4(-9x-5) \\ & = -24x + 12 + 36x + 20 \\ & = -24x + 36x + 12 + 20 \\ & = 12x + 32 \end{aligned}$$