

$$(1) 4(2x+4) - 3(2x-3)$$

$$(2) 6(6x-1) + 2(-3x-7)$$

$$(3) 6(5x-4) - 6(5x-7)$$

$$(4) 5(-7x+8) - 3(8x+4)$$

$$(5) 5(4x-5) + 6(-5x-6)$$

解 答

$$\begin{aligned}(1) \quad & 4(2x+4) - 3(2x-3) \\ & = 8x + 16 - 6x + 9 \\ & = 2x + 25\end{aligned}$$

$$\begin{aligned}(2) \quad & 6(6x-1) + 2(-3x-7) \\ & = 36x - 6 - 6x - 14 \\ & = 30x - 20\end{aligned}$$

$$\begin{aligned}(3) \quad & 6(5x-4) - 6(5x-7) \\ & = 30x - 24 - 30x + 42 \\ & = 18\end{aligned}$$

$$\begin{aligned}(4) \quad & 5(-7x+8) - 3(8x+4) \\ & = -35x + 40 - 24x - 12 \\ & = -59x + 28\end{aligned}$$

$$\begin{aligned}(5) \quad & 5(4x-5) + 6(-5x-6) \\ & = 20x - 25 - 30x - 36 \\ & = -10x - 61\end{aligned}$$