

1 解答 (1) 2 (2) $7a + 4b$ (3) $1 + 3\sqrt{5}$ (4) $(x + 6)(x - 6)$

$$\begin{aligned} (1) \quad & -2 \times 3 + 8 \\ & = -6 + 8 \\ & = 2 \end{aligned}$$

$$\begin{aligned} (2) \quad & 2(2a - b) + 3(a + 2b) \\ & = 4a - 2b + 3a + 6b \\ & = 7a + 4b \end{aligned}$$

$$\begin{aligned} (3) \quad & (\sqrt{5} - 1)(\sqrt{5} + 4) \\ & = (\sqrt{5})^2 + (-1 + 4)\sqrt{5} - 1 \times 4 \\ & = 5 + 3\sqrt{5} - 4 \\ & = 1 + 3\sqrt{5} \end{aligned}$$

$$\begin{aligned} (4) \quad & x^2 - 36 \\ & = (x + 6)(x - 6) \end{aligned}$$