

入試対策プリント (計算等基本問題) 28日目 解答と解説

【解答】 (1) -3 (2) $\frac{1}{7}$ (3) $5a + 2b$ (4) $\sqrt{3}$ (5) $2x^2 - 7$

$$\begin{aligned} (1) \quad & -8 + 5 \\ & = -(8 - 5) \\ & = -3 \end{aligned}$$

$$\begin{aligned} (2) \quad & 1 + 3 \times \left(-\frac{2}{7}\right) \\ & = 1 - \frac{6}{7} \\ & = \frac{7}{7} - \frac{6}{7} \\ & = \frac{1}{7} \end{aligned}$$

$$\begin{aligned} (3) \quad & 2(a + 4b) + 3(a - 2b) \\ & = 2a + 8b + 3a - 6b \\ & = 5a + 2b \end{aligned}$$

$$\begin{aligned} (4) \quad & \sqrt{27} - \frac{6}{\sqrt{3}} \\ & = 3\sqrt{3} - 2\sqrt{3} \\ & = \sqrt{3} \end{aligned}$$

$$\begin{aligned} (5) \quad & (x + 1)^2 + (x - 4)(x + 2) \\ & = x^2 + 2x + 1 + x^2 - 2x - 8 \\ & = 2x^2 - 7 \end{aligned}$$