

入試対策プリント（計算等基本問題） 27日目 解答と解説

【解答】 (1) -3 (2) -36 (3) $2a + 3b$ (4) $x^2 - 3xy + y^2$

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

$$\begin{aligned} (2) \quad & -4 \times (-3)^2 \\ &= -4 \times 9 \\ &= -36 \end{aligned}$$

$$\begin{aligned} (3) \quad & (4a^2b + 6ab^2) \div 2ab \\ &= \frac{4a^2b}{2ab} + \frac{6ab^2}{2ab} \\ &= 2a + 3b \end{aligned}$$

$$\begin{aligned} (4) \quad & (x + y)^2 - 5xy \\ &= x^2 + 2xy + y^2 - 5xy \\ &= x^2 + 2xy - 5xy + y^2 \\ &= x^2 - 3xy + y^2 \end{aligned}$$