

入試対策プリント（計算等基本問題）8日目 解答と解説

【解答】 (1) -9 (2) $-2x+7y$ (3) $-\frac{2}{3}a^3b^2$ (4) $15\sqrt{2}$ (5) x^2-64

$$\begin{aligned}(1) \quad & (-18) \div 2 \\ & = -(18 \div 2) \\ & = -9\end{aligned}$$

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

$$\begin{aligned}(3) \quad & \frac{1}{6}a^2 \times (-4ab^2) \\ & = -\frac{a^2 \times 4ab^2}{6} \\ & = -\frac{2}{3}a^3b^2\end{aligned}$$

$$\begin{aligned}(4) \quad & 5\sqrt{6} \times \sqrt{3} \\ & = 5\sqrt{2} \times \sqrt{3} \times \sqrt{3} \\ & = 5 \times \sqrt{2} \times 3 \\ & = 15\sqrt{2}\end{aligned}$$

$$\begin{aligned}(5) \quad & (x+8)(x-8) \\ & = x^2 - 64\end{aligned}$$