

# 入試対策プリント (計算等基本問題) 14日目 解答と解説

【解答】 (1) 5    (2)  $22a - b$     (3)  $3a^2$     (4)  $x=1, y=-2$     (5)  $\sqrt{2}$

$$\begin{aligned} (1) \quad & 7 \times 2 - 9 \\ & = 14 - 9 \\ & = 5 \end{aligned}$$

$$\begin{aligned} (2) \quad & 3(5a + b) + (7a - 4b) \\ & = 15a + 3b + 7a - 4b \\ & = 22a - b \end{aligned}$$

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

$$\begin{aligned} (4) \quad & \begin{cases} x - 4y = 9 \\ 2x - y = 4 \end{cases} \\ & \quad 2x - 8y = 18 \\ & - \quad 2x - y = 4 \\ & \hline & \quad -7y = 14 \\ & \quad y = -2 \\ & \quad x + 8 = 9 \\ & \quad x = 1 \end{aligned}$$

$$\begin{aligned} (5) \quad & \sqrt{24} \div \sqrt{3} - \sqrt{2} \\ & = \sqrt{8} - \sqrt{2} \\ & = 2\sqrt{2} - \sqrt{2} \\ & = \sqrt{2} \end{aligned}$$