

入試対策プリント（計算等基本問題）4日目 解答と解説

【解答】 (1) -5 (2) $-\frac{18}{25}$ (3) $3y + 2$ (4) $4ab$ (5) $x = -3, 8$

$$\begin{aligned} (1) \quad & 7 - 12 \\ &= -(12 - 7) \\ &= -5 \end{aligned}$$

$$\begin{aligned} (2) \quad & -\frac{9}{10} \div \frac{5}{4} \\ &= -\frac{9}{10} \times \frac{4}{5} \\ &= -\frac{9}{5} \times \frac{2}{5} \\ &= -\frac{18}{25} \end{aligned}$$

$$\begin{aligned} (3) \quad & 3(4x + y) + 2(-6x + 1) \\ &= 12x + 3y - 12x + 2 \\ &= 3y + 2 \end{aligned}$$

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

$$\begin{aligned} (5) \quad & \sqrt{32} - \sqrt{18} + \sqrt{2} \\ &= 4\sqrt{2} - 3\sqrt{2} + \sqrt{2} \\ &= 2\sqrt{2} \end{aligned}$$

$$\begin{aligned} (6) \quad & x^2 - 5x - 24 = 0 \\ & (x - 8)(x + 3) = 0 \\ & x = -3, 8 \end{aligned}$$