

# 高校入試 計算問題練習その②

$$\textcircled{1} 6 \times (-3) + 1 = -17$$

$$\textcircled{2} 3 \times (-2) - 5 = -11$$

$$\textcircled{3} -7 + 6 \div 2 = -4$$

$$\textcircled{4} -5 - 3 \times (-3)^2 = -32$$

$$\textcircled{1} 4ab^2 \div (-2a) \times 4ab = -8ab^3$$

$$\textcircled{2} 8a \times 6ab^2 \div 8ab = 6a^2b$$

$$\textcircled{3} 10x^2y \times 2y \div (-5x) = -4xy^2$$

$$\textcircled{4} (28a^2 - 7ab) \div (-7a) = -4a + b$$

方程式を解きましょう

$$\textcircled{1} X^2 - 4X - 4 = 0 \quad X = -2$$

$$\textcircled{2} (a+2)(a-5) = 2a+4 \quad \begin{matrix} a=7 \\ a=-2 \end{matrix}$$

$$\textcircled{3} (a-4)(a+7) = 2a^2 - 27$$

$$\textcircled{4} (X-3)^2 = 16 \quad X=7 \quad X=-1$$

$$a = \frac{3 \pm \sqrt{5}}{2}$$

$$\textcircled{1} \frac{x}{2} + \frac{x-3}{3} = \frac{5x-6}{6}$$

$$\textcircled{2} \frac{2x-y}{3} - \frac{x+2y}{4} = \frac{5x-10y}{12}$$

$$\textcircled{3} \frac{1}{2}(x+y) - \frac{1}{3}(x-2y) = \frac{x}{6} + \frac{7y}{6}$$

$$\textcircled{4} \frac{2x+2}{3} - \frac{2x+4}{9} = \frac{4x+2}{9}$$

$$\textcircled{1} \frac{10}{\sqrt{2}} - \sqrt{32} = \sqrt{2}$$

$$\textcircled{2} 5\sqrt{3} - \frac{3}{\sqrt{3}} = 4\sqrt{3}$$

$$\textcircled{3} \sqrt{27} - \frac{\sqrt{27}}{2} = \frac{3\sqrt{3}}{2}$$

$$\textcircled{4} (\sqrt{3} + 2)^2 - 4\sqrt{3} = 7$$

$$\textcircled{1} a = \sqrt{3} \text{ のとき}$$

$$(a-1)(a-3) + 4(a-1)$$

の値を求めましょう

答え 2

$$\textcircled{2} a=10 \quad b=15 \text{ のとき}$$

$$4a^2 - b^2$$

の値を求めましょう

答え 175