

高校入試 計算問題練習その③

$$\textcircled{1} 3 \times (-3) + 1 = -8$$

$$\textcircled{2} 4 \times (-2) - 5 = -13$$

$$\textcircled{3} 4 + 6 \div (-2) = 1$$

$$\textcircled{4} 5 - 3 \times (-3)^2 = -22$$

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

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

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

$$\textcircled{4} (20a^2 - 5ab) \div (-5a) = -4a + b$$

方程式を解きましょう

$$\textcircled{1} X^2 = 5X - 6 \quad X=2 \quad X=3$$

$$\textcircled{2} (a+2)(a-5) = 5a - 17 \quad \begin{matrix} a=7 \\ a=1 \end{matrix}$$

$$\textcircled{3} (a-4)(a+7) = -25$$

$$\textcircled{4} (X-3)^2 = 9 \quad X=6 \quad X=0$$

$a = \frac{-3 \pm \sqrt{21}}{2}$

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

$$\textcircled{2} 2x - y - \frac{x+2y}{4} = \frac{7x-6y}{4}$$

$$\textcircled{3} (x+y) - \frac{1}{3}(x-2y) = \frac{2x}{3} + \frac{5y}{3}$$

$$\textcircled{4} 2x+2 - \frac{2x+4}{9} = \frac{16x+14}{9}$$

$$\textcircled{1} \frac{8}{\sqrt{2}} - \sqrt{32} = 0$$

$$\textcircled{2} \sqrt{3} - \frac{3}{\sqrt{3}} = 0$$

$$\textcircled{3} \sqrt{3} - \frac{\sqrt{27}}{3} = 0$$

$$\textcircled{4} (\sqrt{3} + 1)^2 - 2\sqrt{3} = 4$$

$$\textcircled{1} a = \sqrt{2} \text{ のとき}$$

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

の値を求めましょう

答え 1

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

$$4a^2 - 9b^2$$

の値を求めましょう

答え 364