

高校入試 計算問題練習

$$\textcircled{1} 6 \times (-2) + 1 = -11$$

$$\textcircled{2} 3 \times (-2) - 8 = -14$$

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

$$\textcircled{4} -5 - 3 \times (-2)^2 = -17$$

$$\textcircled{1} 8ab^2 \div (-2a) \times 4ab = -16ab^3$$

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

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

$$\textcircled{4} (21a^2 - 14ab) \div (-7a) = -3a + 2b$$

方程式を解きましょう

$$\textcircled{1} X^2 = 8(X-2) \quad X=4$$

$$\textcircled{2} (a+2)(a-5) = 2a-6 \quad \begin{matrix} a=4 \\ a=1 \end{matrix}$$

$$\textcircled{3} (a-4)(a+7) = 2a^2 - 32 \quad \begin{matrix} a=4 \\ a=-1 \end{matrix}$$

$$\textcircled{4} (X-3)^2 = 25 \quad X=8 \quad X=-2$$

$$\textcircled{1} \frac{x}{2} + \frac{x-2}{3} = \frac{5x-4}{6}$$

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

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

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

$$\textcircled{1} \frac{10}{\sqrt{2}} - \sqrt{98} = -2\sqrt{2}$$

$$\textcircled{2} 10\sqrt{3} - \frac{3}{\sqrt{3}} = 9\sqrt{3}$$

$$\textcircled{3} \sqrt{48} - \frac{\sqrt{27}}{2} = \frac{5\sqrt{3}}{2}$$

$$\textcircled{4} (\sqrt{3} + 2)^2 - 5\sqrt{3} = 7 - \sqrt{3}$$

$$\textcircled{1} a = \sqrt{5} \text{ のとき}$$

$$(a-2)(a-3) + 5(a-1)$$

の値を求めましょう

答え 6

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

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

の値を求めましょう

答え 675