

カエデのスタディブログ

正の数と負の数の加法【解答】

年 月 日

次の計算をしましょう。

$$\textcircled{1} 2x \times 5x$$

$$= 10xy$$

$$\textcircled{2} 3y \times 5x$$

$$= 15xy$$

$$\textcircled{3} 3a \times a^2$$

$$= 3a^3$$

$$\textcircled{4} -6y \times 2xy$$

$$= -12xy^2$$

$$\textcircled{5} 10a \times (-2a)$$

$$= -20a^2$$

$$\textcircled{6} -x^2 \times (-2x)$$

$$= 2x^3$$

$$\textcircled{7} 10y \div 5y$$

$$= 2$$

$$\textcircled{8} 12x^2 \div 3x$$

$$= 4x$$

$$\textcircled{9} 20xy^2 \div 5xy$$

$$= 4y$$

$$\textcircled{10} -8x^2 \div 8x$$

$$= -x$$

$$\textcircled{11} 16xy \div (-2y)$$

$$= -8x$$

$$\textcircled{12} -36x^2y^2 \div (-9y^2)$$

$$= 4x^2$$

$$\textcircled{13} \frac{1}{2}x \times 8xy$$

$$= 4x^2y$$

$$\textcircled{14} -3x^2 \times \frac{1}{2}x$$

$$= -\frac{3}{2}x^3$$

$$\textcircled{15} (15ab^2) \times \left(-\frac{3}{10}b\right)$$

$$= \frac{15 \cancel{a} \times \cancel{a} \times b}{1} \times \left(-\frac{3 \cancel{b}}{10}\right)$$
$$= -\frac{9}{2}a^2b^2$$

$$\textcircled{16} 3x^2 \div 6x$$

$$= \frac{1 \cancel{3} \times \cancel{x} \times x}{1} \times \frac{1}{\cancel{6} \times \cancel{x}}$$
$$= -\frac{1}{2}x$$

$$\textcircled{17} -12xy \div \frac{3}{4}x$$

$$= -\frac{4 \cancel{1} \times \cancel{2} \times y}{1} \times \frac{4}{\cancel{3} \times \cancel{x}}$$
$$= -16y$$

$$\textcircled{18} 12xy \div (-8x^2)$$

$$= \frac{3 \cancel{1} \times \cancel{2} \times y}{1} \times \left(-\frac{1}{\cancel{8} \times \cancel{x} \times x}\right)$$
$$= -\frac{3y}{2x}$$