

単項式と単項式との乗法

次の計算をしましょう。

$$\textcircled{1} \quad 7x \times 6y$$

$$\textcircled{2} \quad 2a \times 8b$$

$$\textcircled{3} \quad (-9x) \times 7y$$

$$\textcircled{4} \quad (-7x) \times (-4y)$$

$$\textcircled{5} \quad 3x \times 8x^2$$

$$\textcircled{6} \quad (-8x^2) \times 3x$$

$$\textcircled{7} \quad 5x^3 \times 5x^2$$

$$\textcircled{8} \quad (-3x)^2 \times (-5y)$$

$$\textcircled{9} \quad (2x)^2 \times (-4x)$$

$$\textcircled{10} \quad -(2x)^2 \times (-2x)^2$$

単項式と単項式との乗法

次の計算をしましょう。

$$\begin{aligned}\textcircled{1} \quad & 7x \times 6y \\ & = 42xy\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & 2a \times 8b \\ & = 16ab\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & (-9x) \times 7y \\ & = -63xy\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & (-7x) \times (-4y) \\ & = 28xy\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & 3x \times 8x^2 \\ & = 24x^3\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad & (-8x^2) \times 3x \\ & = -24x^3\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad & 5x^3 \times 5x^2 \\ & = 25x^5\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad & (-3x)^2 \times (-5y) \\ & = 9x^2 \times (-5y) \\ & = -45xy\end{aligned}$$

$$\begin{aligned}\textcircled{9} \quad & (2x)^2 \times (-4x) \\ & = 4x^2 \times (-4x) \\ & = -16x^3\end{aligned}$$

$$\begin{aligned}\textcircled{10} \quad & -(2x)^2 \times (-2x)^2 \\ & = -4x^2 \times 4x^2 \\ & = -16x^4\end{aligned}$$