

単項式と単項式との乗法

次の計算をしましょう。

$$\textcircled{1} \quad 3x \times 9y$$

$$\textcircled{2} \quad 8a \times 4b$$

$$\textcircled{3} \quad (-3x) \times 4y$$

$$\textcircled{4} \quad (-5x) \times (-8y)$$

$$\textcircled{5} \quad 3x \times 9x^2$$

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

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

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

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

$$\textcircled{10} \quad -(2x)^2 \times (-3x)^2$$

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次の計算をしましょう。

$$\begin{aligned}\textcircled{1} \quad & 3x \times 9y \\ & = 27xy\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & 8a \times 4b \\ & = 32ab\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & (-3x) \times 4y \\ & = -12xy\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & (-5x) \times (-8y) \\ & = 40xy\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & 3x \times 9x^2 \\ & = 27x^3\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad & (-6x^2) \times 8x \\ & = -48x^3\end{aligned}$$

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

$$\begin{aligned}\textcircled{8} \quad & (-2x)^2 \times (-5y) \\ & = 4x^2 \times (-5y) \\ & = -20xy\end{aligned}$$

$$\begin{aligned}\textcircled{9} \quad & (4x)^2 \times (-2x) \\ & = 16x^2 \times (-2x) \\ & = -32x^3\end{aligned}$$

$$\begin{aligned}\textcircled{10} \quad & -(2x)^2 \times (-3x)^2 \\ & = -4x^2 \times 9x^2 \\ & = -36x^4\end{aligned}$$