

1 次の計算をなさい。

① $3x \times 5y$

② $2a \times (-7b)$

③ $(-6x) \times (-9y)$

④ $2a^2 \times (-3a)$

⑤ $(-8y) \times (-6x^2)$

⑥ $5x^2 \times (-7x^3)$

⑦ $(-2x)^2$

⑧ $-(9y)^2$

⑨ $6xy \times (-3y)^2$

⑩ $3a \times (-5b)^2$

⑪ $-(6x)^2 \times 4y$

⑫ $(-8x)^2 \times (-4x)$

1 次の計算をなさい。

$$\begin{aligned}\textcircled{1} \quad & 3x \times 5y \\ & = 3 \times 5 \times x \times y \\ & = 15xy\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & 2a \times (-7b) \\ & = 2 \times (-7) \times a \times b \\ & = -14ab\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & (-6x) \times (-9y) \\ & = (-6) \times (-9) \times x \times y \\ & = 54xy\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & 2a^2 \times (-3a) \\ & = 2 \times (-3) \times a^2 \times a \\ & = -6a^3\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & (-8y) \times (-6x^2) \\ & = (-8) \times (-6) \times y \times x^2 \\ & = 48x^2y\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad & 5x^2 \times (-7x^3) \\ & = 5 \times (-7) \times x^2 \times x^3 \\ & = -35x^5\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad & (-2x)^2 \\ & = (-2x) \times (-2x) \\ & = (-2) \times (-2) \times x \times x \\ & = 4x^2\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad & -(9y)^2 \\ & = (-1) \times 9y \times 9y \\ & = (-1) \times 9 \times 9 \times y \times y \\ & = -81y^2\end{aligned}$$

$$\begin{aligned}\textcircled{9} \quad & 6xy \times (-3y)^2 \\ & = 6xy \times (-3y) \times (-3y) \\ & = 6 \times (-3) \times (-3) \times xy \times y \times y \\ & = 54xy^3\end{aligned}$$

$$\begin{aligned}\textcircled{10} \quad & 3a \times (-5b)^2 \\ & = 3a \times (-5b) \times (-5b) \\ & = 3 \times (-5) \times (-5) \times a \times b \times b \\ & = 75ab^2\end{aligned}$$

$$\begin{aligned}\textcircled{11} \quad & -(6x)^2 \times 4y \\ & = (-1) \times 6x \times 6x \times 4y \\ & = (-1) \times 6 \times 6 \times 4 \times x \times x \times y \\ & = -144x^2y\end{aligned}$$

$$\begin{aligned}\textcircled{12} \quad & (-8x)^2 \times (-4x) \\ & = (-8x) \times (-8x) \times (-4x) \\ & = (-8) \times (-8) \times (-4) \times x \times x \times x \\ & = -256x^3\end{aligned}$$