

1 次の計算をなさい。

① $x \times 9y$

② $3a \times (-5b)$

③ $(-4x) \times (-2y)$

④ $8a^2 \times (-7a)$

⑤ $(-6y) \times (-4x^2)$

⑥ $2x^2 \times (-8x^3)$

⑦ $(-7x)^2$

⑧ $-(8y)^2$

⑨ $5xy \times (-2y)^2$

⑩ $8a \times (-4b)^2$

⑪ $-(2x)^2 \times 5y$

⑫ $(-3x)^2 \times (-6x)$

1 次の計算をなさい。

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

$$\begin{aligned} \textcircled{2} \quad & 3a \times (-5b) \\ & = 3 \times (-5) \times a \times b \\ & = -15ab \end{aligned}$$

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

$$\begin{aligned} \textcircled{4} \quad & 8a^2 \times (-7a) \\ & = 8 \times (-7) \times a^2 \times a \\ & = -56a^3 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & (-6y) \times (-4x^2) \\ & = (-6) \times (-4) \times y \times x^2 \\ & = 24x^2y \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 2x^2 \times (-8x^3) \\ & = 2 \times (-8) \times x^2 \times x^3 \\ & = -16x^5 \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad & (-7x)^2 \\ & = (-7x) \times (-7x) \\ & = (-7) \times (-7) \times x \times x \\ & = 49x^2 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad & -(8y)^2 \\ & = (-1) \times 8y \times 8y \\ & = (-1) \times 8 \times 8 \times y \times y \\ & = -64y^2 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad & 5xy \times (-2y)^2 \\ & = 5xy \times (-2y) \times (-2y) \\ & = 5 \times (-2) \times (-2) \times xy \times y \times y \\ & = 20xy^3 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad & 8a \times (-4b)^2 \\ & = 8a \times (-4b) \times (-4b) \\ & = 8 \times (-4) \times (-4) \times a \times b \times b \\ & = 128ab^2 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad & -(2x)^2 \times 5y \\ & = (-1) \times 2x \times 2x \times 5y \\ & = (-1) \times 2 \times 2 \times 5 \times x \times x \times y \\ & = -20x^2y \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad & (-3x)^2 \times (-6x) \\ & = (-3x) \times (-3x) \times (-6x) \\ & = (-3) \times (-3) \times (-6) \times x \times x \times x \\ & = -54x^3 \end{aligned}$$