

計算例

$$\begin{aligned} & 7a^2 \times 4a^3b^2 \\ &= 7aa \times 4aaaabb \\ &= 28a^5b^2 \quad \boxed{\text{答}} \end{aligned}$$

計算例

$$\begin{aligned}8x^2y \div (-2x) &= \frac{8x^2y}{-2x} = -\frac{8x^2y}{2x} \\ &= -\frac{\overset{4}{\cancel{8}} \times \overset{1}{\cancel{x}} \times x \times y}{\underset{1}{\cancel{2}} \times \underset{1}{\cancel{x}}} = -4xy \quad \boxed{\text{答}}\end{aligned}$$

計算例

$$-12a^2 \div \frac{3}{4}a$$

計算例

$$-12a^2 \div \frac{3}{4}a = -12a^2 \div \frac{3a}{4}$$

計算例

$$\begin{aligned} -12a^2 \div \frac{3}{4}a &= -12a^2 \div \frac{3a}{4} \\ &= -12a^2 \times \frac{4}{3a} \end{aligned}$$

計算例

$$\begin{aligned} -12a^2 \div \frac{3}{4}a &= -12a^2 \div \frac{3a}{4} \\ &= -12a^2 \times \frac{4}{3a} \\ &= \frac{\overset{4}{\cancel{-12}} \times \overset{1}{\cancel{a}} \times a \times 4}{\underset{11}{\cancel{3a}}} = -16a \quad \boxed{\text{答}} \end{aligned}$$

計算例

$$\begin{aligned}(9xy - 18x^2) \div 3x &= (9xy - 18x^2) \times \frac{1}{3x} \\ &= \frac{9xy}{3x} - \frac{18x^2}{3x} \\ &= 3y - 6x \quad \boxed{\text{答}}\end{aligned}$$

計算例

$$\begin{aligned} & (24ab - 9b^2) \div \left(-\frac{3}{4}b\right) \\ = & (24ab - 9b^2) \times \left(-\frac{4}{3b}\right) \\ = & -\frac{24ab \times 4}{3b} + \frac{9b^2 \times 4}{3b} \\ = & -32a + 12b \quad \boxed{\text{答}} \end{aligned}$$