

1 次の計算をなさい。

①  $10x \div 2x$

②  $36xy \div (-4x)$

③  $(-56x^2) \div (-8x)$

④  $18a^3 \div (-2a^2)$

⑤  $36x^2 \div \frac{6}{7}x$

⑥  $30ab \div (-\frac{3}{5}a)$

⑦  $\frac{7}{4}xy \div (-\frac{7}{8}y)$

⑧  $(-\frac{1}{2}a^2) \div (-\frac{1}{4}a)$

1 次の計算をなさい。

$$\begin{aligned} \textcircled{1} \quad 10x \div 2x \\ &= \frac{10x}{2x} \\ &= 5 \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 36xy \div (-4x) \\ &= -\frac{36xy}{4x} \\ &= -9y \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad (-56x^2) \div (-8x) \\ &= \frac{56x^2}{8x} \\ &= 7x \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 18a^3 \div (-2a^2) \\ &= -\frac{18a^3}{2a^2} \\ &= -9a \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad 36x^2 \div \frac{6}{7}x \\ &= 36x^2 \times \frac{7}{6x} \\ &= \frac{36 \times 7 \times x^2}{6x} \\ &= 42x \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad 30ab \div \left(-\frac{3}{5}a\right) \\ &= 30ab \times \left(-\frac{5}{3a}\right) \\ &= -\frac{30 \times 5 \times a \times b}{3a} \\ &= -50b \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad \frac{7}{4}xy \div \left(-\frac{7}{8}y\right) \\ &= \frac{7}{4}xy \times \left(-\frac{8}{7y}\right) \\ &= -\frac{7 \times 8 \times x \times y}{4 \times 7 \times y} \\ &= -2x \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \left(-\frac{1}{2}a^2\right) \div \left(-\frac{1}{4}a\right) \\ &= \left(-\frac{1}{2}a^2\right) \times \left(-\frac{4}{a}\right) \\ &= \frac{4 \times a^2}{2 \times a} \\ &= 2a \end{aligned}$$