

## 5月20日（水） 問題解説

### 練習問題①

$$\begin{aligned}(1) \quad & (-4x) \times 5y \\ &= -4 \times x \times 5 \times y \\ &= -4 \times 5 \times x \times y \\ &= -20xy\end{aligned}$$

$$\begin{aligned}(2) \quad & 3ab \times b \\ &= 3 \times a \times b \times b \\ &= 3ab^2\end{aligned}$$

### 練習問題②

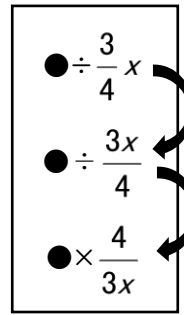
$$\begin{aligned}(1) \quad & 8x^2 \div x \\ &= \frac{8x^2}{x} \\ &= 8x\end{aligned}$$

$$\begin{aligned}(2) \quad & (-9x^2y) \div (-3y) \\ &= \frac{9x^2y}{3y} \\ &= 3x^2\end{aligned}$$

### 練習問題③

$$\begin{aligned}(1) \quad & -\frac{5}{18}ab \div \left(-\frac{10}{9}b\right) \\ &= -\frac{5ab}{18} \div \left(-\frac{10b}{9}\right) \\ &= \frac{5ab}{18} \times \frac{9}{10b} \\ &= \frac{5ab \times 9}{18 \times 10b} \\ &= \frac{1}{4}a\end{aligned}$$

$$\begin{aligned}(2) \quad & -\frac{1}{5}x^2y \div \frac{1}{5}x \\ &= -\frac{x^2y}{5} \div \frac{x}{5} \\ &= -\frac{x^2y}{5} \times \frac{5}{x} \\ &= -\frac{x^2y \times 5}{5 \times x} \\ &= -xy\end{aligned}$$



※分数の割り算は逆数をかける計算に直すことで、約分がやりやすくなり、計算のミスを減らすことにつながります。