

# 確認問題

## 正負の数のかけ算，わり算，累乗の計算

3 次の計算をなさい。

(1)  $(-4) \times (-9)$

$$\begin{array}{l} \text{符号が同じ} \downarrow \\ = (-4) \times (-9) = +(4 \times 9) \\ \text{絶対値の積} \uparrow \\ = 36 \end{array}$$

(2)  $(+2) \times (-7)$

$$\begin{array}{l} \text{符号が異なる} \downarrow \\ = (+2) \times (-7) = -(2 \times 7) \\ \text{絶対値の積} \uparrow \\ = -14 \end{array}$$

ふりかえろう!

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(3)  $(-6) \times 4$

$$\begin{array}{l} \text{符号が異なる} \downarrow \\ = (-6) \times (+4) = -(6 \times 4) \\ \text{絶対値の積} \uparrow \\ = -24 \end{array}$$

(4)  $(-18) \div (-3)$

$$\begin{array}{l} \text{符号が同じ} \downarrow \\ = (-18) \div (-3) = +(18 \div 3) \\ \text{絶対値の商} \uparrow \\ = 6 \end{array}$$

(5)  $(+72) \div (-9)$

$$\begin{array}{l} \text{符号が異なる} \downarrow \\ = (+72) \div (-9) = -(72 \div 9) \\ \text{絶対値の商} \uparrow \\ = -8 \end{array}$$

(6)  $(-49) \div 7$

$$\begin{array}{l} \text{符号が異なる} \downarrow \\ = (-49) \div (+7) = -(49 \div 7) \\ \text{絶対値の商} \uparrow \\ = -7 \end{array}$$

4 次の計算をなさい。

(1)  $5^2$

$$\begin{array}{l} = 5 \times 5 \\ = 25 \end{array}$$

(2)  $3^3$

$$\begin{array}{l} = 3 \times 3 \times 3 \\ = 27 \end{array}$$

ふりかえろう!

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(3)  $(-3)^2$

$$\begin{array}{l} = (-3) \times (-3) \\ = 9 \end{array}$$

(4)  $(-2)^3$

$$\begin{array}{l} = (-2) \times (-2) \times (-2) \\ = -8 \end{array}$$

(5)  $-9^2$

$$\begin{array}{l} = -(9 \times 9) \\ = -81 \end{array}$$

(6)  $-1^4$

$$\begin{array}{l} = -(1 \times 1 \times 1 \times 1) \\ = -1 \end{array}$$