

# カエデのスタディブログ

## 累乗の計算【解答】

実施日 \_\_\_\_\_ 月 \_\_\_\_\_ 日 \_\_\_\_\_ 曜日

次の計算をしましょう。

$$\begin{aligned}(1) 5^2 \\ &= 5 \times 5 \\ &= 25\end{aligned}$$

$$\begin{aligned}(2) 3^3 \\ &= 3 \times 3 \times 3 \\ &= 27\end{aligned}$$

$$\begin{aligned}(3) 2^5 \\ &= 2 \times 2 \times 2 \times 2 \times 2 \\ &= 32\end{aligned}$$

$$\begin{aligned}(4) -7^2 \\ &= -7 \times 7 \\ &= -49\end{aligned}$$

$$\begin{aligned}(5) -3^2 \\ &= -3 \times 3 \\ &= -9\end{aligned}$$

$$\begin{aligned}(6) (-6)^2 \\ &= (-6) \times (-6) \\ &= 36\end{aligned}$$

$$\begin{aligned}(7) (-10)^3 \\ &= (-10) \times (-10) \times (-10) \\ &= -1000\end{aligned}$$

$$\begin{aligned}(8) (-4)^3 \\ &= -4 \times 4 \times 4 \\ &= -64\end{aligned}$$

$$\begin{aligned}(9) (-8)^2 \\ &= -8 \times 8 \\ &= -64\end{aligned}$$

$$\begin{aligned}(10) -11^2 \\ &= -11 \times 11 \\ &= -121\end{aligned}$$

$$\begin{aligned}(11) (-0.5)^2 \\ &= (-0.5) \times (-0.5) \\ &= 0.25\end{aligned}$$

$$\begin{aligned}(12) (-5^3) \\ &= -5 \times 5 \times 5 \\ &= -125\end{aligned}$$

$$\begin{aligned}(13) \left(\frac{1}{2}\right)^2 \\ &= \left(\frac{1}{2}\right) \times \left(\frac{1}{2}\right) \\ &= \frac{1}{4}\end{aligned}$$

$$\begin{aligned}(14) \left(-\frac{1}{3}\right)^3 \\ &= \left(-\frac{1}{3}\right) \times \left(-\frac{1}{3}\right) \times \left(-\frac{1}{3}\right) \\ &= -\frac{1}{9}\end{aligned}$$

$$\begin{aligned}(15) \left(-\frac{5}{6}\right)^2 \\ &= \left(-\frac{5}{6}\right) \times \left(-\frac{5}{6}\right) \\ &= \frac{25}{36}\end{aligned}$$

$$\begin{aligned}(16) 1^{53} \\ &= 1\end{aligned}$$

$$\begin{aligned}(17) -1^{217} \\ &= -1\end{aligned}$$

$$\begin{aligned}(18) (-1)^{529} \\ &= -1\end{aligned}$$