

Reglas de Exponentes (E)

Simplifique cada expresión.

1. $\frac{(-5)^3}{(-5)^3}$

2. $\frac{7^7}{7^2}$

3. $\frac{(-8)^6}{(-8)^{-7}}$

4. $\frac{(-4)^{-3}}{(-4)^{-8}}$

5. $\frac{5^{-6}}{5^{-8}}$

6. $\frac{4^7}{4^5}$

7. $\frac{(-5)^{-5}}{(-5)^{-9}}$

8. $\frac{8^2}{8^{-5}}$

9. $\frac{(-7)^{-2}}{(-7)^{-9}}$

10. $\frac{9^1}{9^{-1}}$

Reglas de Exponentes (E) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. \quad & \frac{(-5)^3}{(-5)^3} \\ & = (-5)^0 = 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{7^7}{7^2} \\ & = 7^5 \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{(-8)^6}{(-8)^{-7}} \\ & = (-8)^{13} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{(-4)^{-3}}{(-4)^{-8}} \\ & = (-4)^5 \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{5^{-6}}{5^{-8}} \\ & = 5^2 \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{4^7}{4^5} \\ & = 4^2 \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{(-5)^{-5}}{(-5)^{-9}} \\ & = (-5)^4 \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{8^2}{8^{-5}} \\ & = 8^7 \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{(-7)^{-2}}{(-7)^{-9}} \\ & = (-7)^7 \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{9^1}{9^{-1}} \\ & = 9^2 \end{aligned}$$