

# Reglas de Exponentes (F)

Simplifique cada expresión.

1.  $\frac{(-8)^{-1}}{(-8)^{-4}}$

2.  $\frac{3^{-1}}{3^{-7}}$

3.  $\frac{(-6)^9}{(-6)^8}$

4.  $\frac{8^{-4}}{8^{-8}}$

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

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

7.  $\frac{(-9)^3}{(-9)^{-1}}$

8.  $\frac{(-3)^4}{(-3)^1}$

9.  $\frac{(-4)^8}{(-4)^{-7}}$

10.  $\frac{(-6)^1}{(-6)^{-3}}$

# Reglas de Exponentes (F) Respuestas

Simplifique cada expresión.

$$\begin{aligned} 1. \quad & \frac{(-8)^{-1}}{(-8)^{-4}} \\ & = (-8)^3 \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{3^{-1}}{3^{-7}} \\ & = 3^6 \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{(-6)^9}{(-6)^8} \\ & = (-6) \end{aligned}$$

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

$$\begin{aligned} 5. \quad & \frac{(-7)^5}{(-7)^{-5}} \\ & = (-7)^{10} \end{aligned}$$

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

$$\begin{aligned} 7. \quad & \frac{(-9)^3}{(-9)^{-1}} \\ & = (-9)^4 \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{(-3)^4}{(-3)^1} \\ & = (-3)^3 \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{(-4)^8}{(-4)^{-7}} \\ & = (-4)^{15} \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{(-6)^1}{(-6)^{-3}} \\ & = (-6)^4 \end{aligned}$$