

Division d'Exposants (C)

Simplifiez les expressions suivantes:

1. $\frac{(-5)^8}{(-5)^2}$

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

3. $\frac{(-7)^0}{(-7)^{-1}}$

4. $\frac{(-4)^3}{(-4)^{-7}}$

5. $\frac{5^{-8}}{5^{-9}}$

6. $\frac{3^5}{3^{-7}}$

7. $\frac{(-3)^{-5}}{(-3)^{-7}}$

8. $\frac{(-2)^{-5}}{(-2)^{-6}}$

9. $\frac{3^1}{3^{-9}}$

10. $\frac{2^8}{2^{-7}}$

Division d'Exposants (C) Réponses

Simplifiez les expressions suivantes:

$$\begin{aligned} 1. \quad & \frac{(-5)^8}{(-5)^2} \\ & = (-5)^6 \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{(-8)^4}{(-8)^4} \\ & = (-8)^0 = 1 \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{(-7)^0}{(-7)^{-1}} \\ & = (-7) \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{(-4)^3}{(-4)^{-7}} \\ & = (-4)^{10} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{5^{-8}}{5^{-9}} \\ & = 5 \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{3^5}{3^{-7}} \\ & = 3^{12} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{(-3)^{-5}}{(-3)^{-7}} \\ & = (-3)^2 \end{aligned}$$

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

$$\begin{aligned} 9. \quad & \frac{3^1}{3^{-9}} \\ & = 3^{10} \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{2^8}{2^{-7}} \\ & = 2^{15} \end{aligned}$$