

Exponent Rules (H)

Simplify each expression.

1. $(-5)^1 \cdot (-9)^1$

2. $(8^3)^4$

3. $4^{-6} \cdot 4^{-4}$

4. $((-5)^0)^1$

5. $6^3 \cdot (-8)^3$

6. $\frac{(-3)^{-5}}{(-3)^6}$

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

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

9. $\frac{8^4}{8^2}$

10. $\frac{5^3}{5^{-1}}$