Exponent Rules (I)

Simplify each expression.

1. $\dfrac{6^7}{6^7}$

2. $\dfrac{2^9}{2^3}$

3. $\dfrac{(-9)^{-2}}{(-9)^0}$

4. $(-2)^8 \cdot (-2)^8$

5. $\left(9^{-2}\right)^1$

6. $(-2)^4 \cdot 9^4$

7. $\left(9^{-1}\right)^6$

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

9. $\dfrac{3^{-9}}{3^2}$

10. $(-6)^3 \cdot (-6)^5$