

Mixed practice

Simplify to a single power, then evaluate.

1. $(3^2)^3 \div 3^3 =$ _____

2. $10^4 \div 10^3 =$ _____

3. $3^3 \div 3^6 =$ _____

4. $(2^3)^3 \div 2^5 =$ _____

5. $2^{-3} \div 2^{-3} =$ _____

6. $(2^2)^3 \div 2^5 =$ _____

7. $(10^3)^2 \div 10^6 =$ _____

8. $5^{-1} \div 5^2 =$ _____

9. $(5^2)^2 \div 5^8 =$ _____

10. $5^{-2} \times 5^5 =$ _____

11. $(10^2)^2 \div 10^5 =$ _____

12. $2^2 \times 2^2 =$ _____