

Mixed practice

Simplify to a single power, then evaluate.

1. $(3^2)^3 \div 3^3 =$ 27

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

3. $3^3 \div 3^6 =$ 1/27

4. $(2^3)^3 \div 2^5 =$ 16

5. $2^{-3} \div 2^{-3} =$ 1

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

7. $(10^3)^2 \div 10^6 =$ 1

8. $5^{-1} \div 5^2 =$ 1/125

9. $(5^2)^2 \div 5^8 =$ 1/625

10. $5^{-2} \times 5^5 =$ 125

11. $(10^2)^2 \div 10^5 =$ 1/10

12. $2^2 \times 2^2 =$ 16