

Exponents and Powers

Topic: Laws of Exponent

Name: Date:

Using laws of exponent, simplify and write the answer in exponential form:

1. $(3^4)^3 =$

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

3. $2^0 + 3^0 + 4^0 =$

4. $2^0 \times 3^0 \times 4^0 =$

5. $(2^3 \times 2)^2 =$

6. $[(5^2)^3 \times 5^4] \div 5^7 =$

7. $(a^5 \div a^3) \times a^8 =$

8. $(4^3 \times 4)^3 =$

9. $(3^0 + 2^0) \times 5^0 =$

10. $(2^3 \times 3^4 \times 4) / (3 \times 32) =$

