Class 7 Maths Worksheet

WS3

Kaboodle

Exponents and Powers

Topic: Laws of Exponent

Name: _____

Date: _____

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

1. $(-1)^3 \times (-1)^2 \times (-1) = \square^{\square}$

2. $8^6 \div 8^4 = \square^{\square}$

3. $4^8 \div 4^5 \div 4 = \square^{\square}$

4. $[(-2)^4]^3 = \square^{\square}$

5. $8^7 \div 8^7 \times 8 = \square^{\square}$

6. $(k^2)^3 \times k^2 = \square^{\square}$

7. $p^2 \times p^3 = \square^{\square}$

8. $(5^{21} \div 5^{13}) \times 5^7 = \square^{\square}$

9. $\{(2^3)^4 \times 2^8\} \div 2^{12} = \square^{\square}$

10. $(8^2 \times 8^4) \div 8^3 = \square^{\square}$

LIVEWORKSHEETS