

Math Quiz -4.4 Exponents and Scientific Notation (7th)

Name: _____

Evaluate these problems.

Simplify if necessary and write the problem in scientific notation.

1. 8^{-3}

8. 6,100,000

2. $1/6^{-2}$

9. -0.00000062

3. $(8^{-2}) * (8^{-2})$

10. $9.9 \times 10^{20} / 9900$

4. $(5^{-2}) / (5^{-4})$

Write these numbers in standard form (this should be a really long number!)

5. 4.04×10^{-9}

11. $6(5.1 \times 10^{-12})$

6. -1.065×10^9

7. 6×10^7

12. $(2.67 \times 10^{-9}) (0.03)$