

Unit 2: Scientific Notation

Name _____ Period _____ Date _____

Quiz Study Guide

Simplify completely.

1) $8,000,000^0 =$ _____

2) $5^{-3} =$ _____

3) $\left(\frac{2}{7}\right)^{-2} =$ _____

4) $n^3 \cdot n^{-4} =$ _____

5) $\frac{x^4}{x^4} =$ _____

6) $\frac{p^{14}}{p^{-7}} =$ _____

7) $x^{-4} \cdot x^4 \cdot x^{-8} =$ _____

8) $\frac{x^{-2}y^{-3}}{xy^{-1}} =$ _____

9) $m^{-7} \cdot m^2 \cdot m =$ _____

10) $(x^4)^5 =$ _____