Negative Exponent Law

Independent Set 3.04

Name_____
Date_____
Period_____

Six questions, on your own, in silence. Show the step that does the work.

1. Rewrite with a positive exponent. Do not evaluate. 9^{-2}

2. Find the value. 3^{-4}

3. Find the value. $(-4)^{-2}$

4. Find the value. $\frac{1}{10^{-3}}$

5. Find the value. $5^2 \cdot 5^{-5}$

6. Find the value of n . $2^n = \frac{1}{16}$