

Name _____

Date _____

Evaluating Negative Exponents Practice Worksheet 1

Apply the negative exponent rule and simplify.

1. 3^{-4}

2. 2^{-3}

3. 10^{-5}

4. 6^{-2}

Find the missing value.

5. $27 = \frac{1}{3^x}$

6. $2^x = 32$

7. $\frac{1}{x^2} = \frac{1}{25}$

8. $\frac{1}{81} = x^{-4}$

9. $6^{-x} = 36$

10. $(-4)^x = \frac{1}{-64}$

