

Name \_\_\_\_\_

Date \_\_\_\_\_

## Properties of Integer Exponents - Independent Practice Worksheet

Complete all the problems.

1. Simplify  $6^2 \times 6^{-4}$

2. Simplify  $7^4 \times 7^{-6}$

3. Simplify  $8^2 \times 8^{-3}$

4. Simplify  $\frac{5^{-2}}{4^6}$

5. Simplify  $\frac{6^{-2}}{3^4}$

6. Simplify  $\frac{7^{-2}}{5^3}$

7.  $(3^3)^3$

8.  $(5^2)^4$

9.  $(8^3)^2$

10.  $(9^2)^3$

