**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**M8-U6: HW #2 – Exponent Operations: division, negative exponents, and zero exponent Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions: Rewrite each item as an equivalent expression in exponential notation.**

**Answers should only have positive exponents.**

**1)** ****  **2)** ****

**3)** ** 4)** ****

**5)** ****  **6)** ****

**7)** **** **8)** ****

**9)** **** **10)** ****

**11)** ****

Write the following algebraic problems in exponential notation.

**12)** ** 13)** ****

**14)** ** 15)** ****

Rewrite each item as an equivalent expression in exponential notation.

Answers should only have positive exponents.

**16)** **** **17)** ****

Tell whether each statement is correct. Show work to support your answer.

**18)** **** **19)** ****

**20)** **** **21)** ****

**22)  23) **