

Name \_\_\_\_\_  
Date \_\_\_\_\_

## Lesson 2: Multiplication of Numbers in Exponential Form

### Exit Ticket

Simplify each of the following numerical expressions as much as possible:

1. Let  $a$  and  $b$  be positive integers.  $23^a \times 23^b =$

2.  $5^3 \times 25 =$

3. Let  $x$  and  $y$  be positive integers and  $x > y$ .  $\frac{11^x}{11^y} =$

4.  $\frac{2^{13}}{8} =$