

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

# Multiplying Powers with the Same Base Exit Quiz

Evaluate the following expressions.

1.  $5ax^2 \times 5a^3x$

2.  $2b^3 \times 2^3b^{-7}$

3.  $(3a^3b^0)(2a^1b^3)$

4.  $(2x^4y)(9xy^{-4})$

5.  $(2a^2)(9a^{-5})(5a^0) = 90a^{-3}$