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

Product and Quotient Properties of Exponents

Expand the following numbers and evaluate.

1. 2. 3. 4.

Simplify the following expressions. Evaluate any numerical answers.

5. 6.

7. 8.

9. 10.

11. 12.

13. 14.

15. 16.

Evaluate the powers of negative numbers.

17. a. b. c. d. e. f.