

# Exponential Notation Practice

Write each number as a product of repeated factors.

1.  $2^3 =$  \_\_\_\_\_

2.  $5^6 =$  \_\_\_\_\_

3.  $10^4 =$  \_\_\_\_\_

4.  $15^1 =$  \_\_\_\_\_

Use digits to write each number using exponential notation. Then, use your calculator to get the answer.

5. Three to the ninth power \_\_\_\_\_ = \_\_\_\_\_

6. Eight to the seventh power \_\_\_\_\_ = \_\_\_\_\_

7. Eleven to the third power \_\_\_\_\_ = \_\_\_\_\_

8. Five to the tenth power \_\_\_\_\_ = \_\_\_\_\_

**DO NOT USE A CALCULATOR.** Write each number in standard notation.

9.  $7^2 =$  \_\_\_\_\_

10.  $10^3 =$  \_\_\_\_\_

11.  $6^0 =$  \_\_\_\_\_

12.  $3^1 =$  \_\_\_\_\_

13.  $3^3 =$  \_\_\_\_\_

14.  $2^5 =$  \_\_\_\_\_

15.  $4^3 =$  \_\_\_\_\_

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**Review. Show your Work!**

16.  $15.32 - 1.88 =$  \_\_\_\_\_

17.  $4.98 + 3.99 =$  \_\_\_\_\_