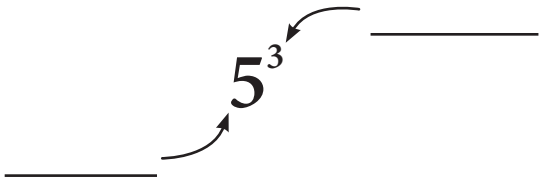
math Antics
Exercises

Name: _____

Date: _____

Intro to Exponents

1 Label the parts of this expression.



2 Fill in the blanks.

If a number is "squared" that means it is raised to the _____ power.

If a number is "cubed" that means it is raised to the _____ power.

3 Re-write this repeated multiplication in exponent form.

$7 \times 7 \times 7 \times 7$

4 Re-write this repeated multiplication in exponent form.

$2 \times 2 \times 2 \times 2 \times 2 \times 2$

5 Calculate these "squares". (Hint: Use your multiplication table.)

$6^2 =$ $7^2 =$

$9^2 =$ $12^2 =$

6 Calculate this exponent.

$3^3 =$

7 Calculate this exponent.

$14^2 =$

8 Calculate this exponent.

$10^4 =$

9 Use the exponent button (x^y) on a calculator to find the value of this exponent.

$2^{10} =$

10 Use the exponent button (x^y) on a calculator to find the value of this exponent.

$5^7 =$