math Antics
Exercises

Name:

Date:

Exponents In Algebra

1 Solve.

$8^0 = \_\_\_$

$b^0 = \_\_\_$

2 Solve.

$8^1 = \_\_\_$

$b^1 = \_\_\_$

3 Solve.

$\left(\sqrt{10}\right)^2 = \_\_\_\_$

$\left(\sqrt[3]{15}\right)^3 = \_\_\_\_$

4 Solve. (assume $x \geq 0$)

$\sqrt[2]{x^2} = \_\_\_$

$\sqrt[3]{x^3} = \_\_\_$

5 Solve for x.

$\sqrt{x} = 5$

6 Solve for x.

$x^2 = 49$

7 Solve for x.

$\sqrt{x} = 10$

8 Solve for x.

$x^2 = 81$

9 Solve for x.

$\sqrt[3]{x} = 4$

10 Solve for x.

$x^4 = 16$