

Name:

Date:

Class:

School:

Exponents, Square Root, Cube Numbers Quiz

Multiple choice: Choose the correct answer from the options given.

1. The square root of 81 is
a. 7 b. 9 c. 8 d. 6
2. The square root of 36 is
a. 7 b. 9 c. 8 d. 6
3. 2^7 is equal to
a. 14 b. 128 c. 32 d. 41
4. 2^3 is equal to
a. 6 b. 9 c. 8 d. 10
5. The square root of 16 is
a. 2 b. 4 c. 5 d. 6

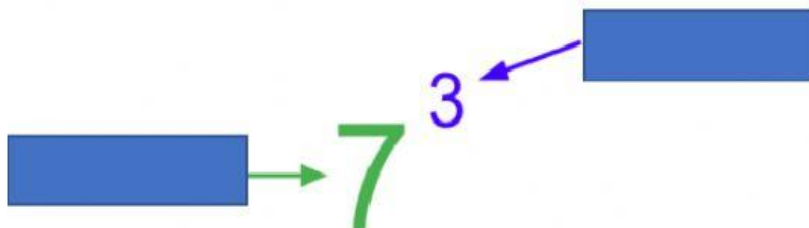
Answer the following in complete sentences.

6. In your own words, explain what an exponent is.
7. Explain how you expand/simplify a number with an exponent.
8. What does it mean when a number is cubed?

9. Label the following using the words below.

base

exponent



Simplify/expand the following numbers:

$$2^3$$

$$2^5$$

$$2^2$$

$$2^4$$

Write the square root of the following numbers.

$$\sqrt{100} =$$

$$\sqrt{144} =$$

$$\sqrt{4} =$$