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.

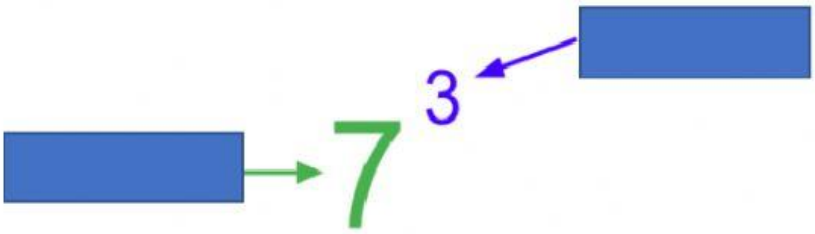
7. Explain how you expand/simplify a number with an exponent.

8. What does it mean when a number is cubed?

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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.

$\sqrt{100}$ =

$\sqrt{144}$ =

$\sqrt{4}$ =

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