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
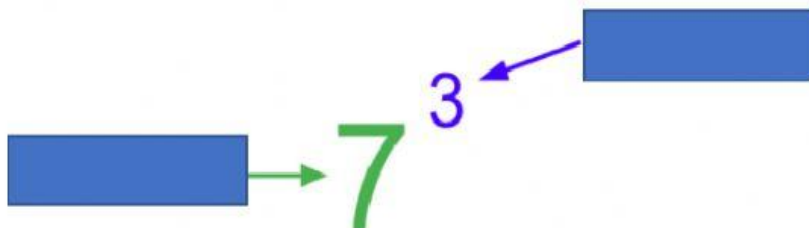   a. 2   b. 4   c. 5   d. 6

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 |

7^3

Simplify/expand the following numbers:

2^3

2^5

2^2

2^4

Write the square root of the following numbers.

$\sqrt{100}$ =

$\sqrt{144}$ =

$\sqrt{4}$ =