Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_

**Square and Cube Roots Classwork**

**Directions: Fill in the table with the correct answer.**

|  |  |  |
| --- | --- | --- |
| **Side Length** | **Area** | **Perimeter** |
| 11 Units |  |  |
|  | 144 Square Units |  |
|  |  | 36 Units |

**Directions: List the perfect square of each number.**

1. 82
2. 112
3. 142

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions: List the perfect cube of each number.**

1. 43
2. 63
3. 83

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions: Find the two square roots of each number.**

1. 196
2. 64
3. 169

Answer: \_\_\_\_\_ and \_\_\_\_\_

Answer: \_\_\_\_\_ and \_\_\_\_\_

Answer: \_\_\_\_\_ and \_\_\_\_\_

1. A chessboard contains 18 black and 18 red squares. How many squares are along each side of the game board?

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_