

Name _____

Date _____

Mrs. Roubos

8R Math Period ____

Square Roots and Cube Roots of Perfect Roots

I. Square Roots

a) Taking the _____ of a number is the _____ (opposite) of squaring a number.

b) _____ is the square root symbol.

c) Every positive number has _____ square roots, one _____ and one _____

d) Principal square root: the _____ square root

e) Examples: Simplify

- | | | |
|----|-----|-----|
| 1) | 7) | 13) |
| 2) | 8) | 14) |
| 3) | 9) | 15) |
| 4) | 10) | |
| 5) | 11) | |
| 6) | 12) | |

II. Cube Roots:

a) Find the _____ is the _____ (opposite) of cubing a number.

b) _____ is the symbol for cube root

c) Examples: Simplify

1)

2)

3)

4)

5)

6)

7)

8)

9)