

Agenda (Pd 1 ONLY)

Homework:

- Go Math pg. 12 - #13-18
- AM

Materials:

- Notebook
- Go Math Book

Do Now:

1. **Take out:**
 - Math Notebook
2. **Write the vocab word on the TV on the very last page of your notebook**
3. When told to do so, grab your Go Math workbook from the back and **TEAR OUT** pg. 7-10

Agenda (Pd 2 & 4 ONLY)

Homework:

- Go Math pg. 12 - #13-18
- AM

Materials:

- Notebook

Do Now:

1. Take out:

- Math Notebook

2. Continue your last set of notes (see TV for next slide)

Vocabulary (Pre-Algebra)

Module	Word	Definition	Go Math Page #
1.1	Rational Number	Any number that can be written as a ratio (or a fraction)	7

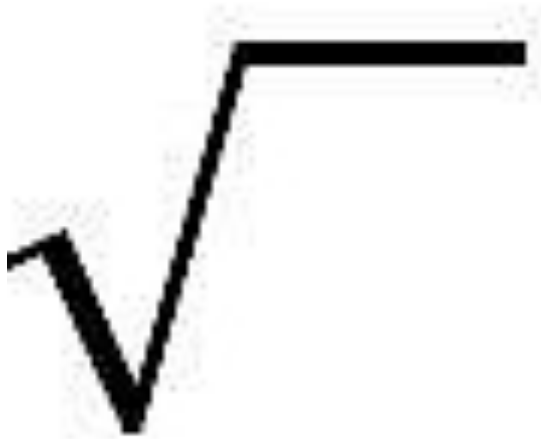
Vocabulary (Go Math pgs.7-10)

- Set up your vocabulary pages in the back of your notebook (see TV)
- Use your Go Math Workbook to find the definitions for the following words:
 - Rational Number,
 - Terminating Decimal
 - Repeating Decimal
 - Square Root
 - Principal Square Root
 - Perfect Square
 - Cube Root
 - Perfect Cube
 - Irrational Numbers

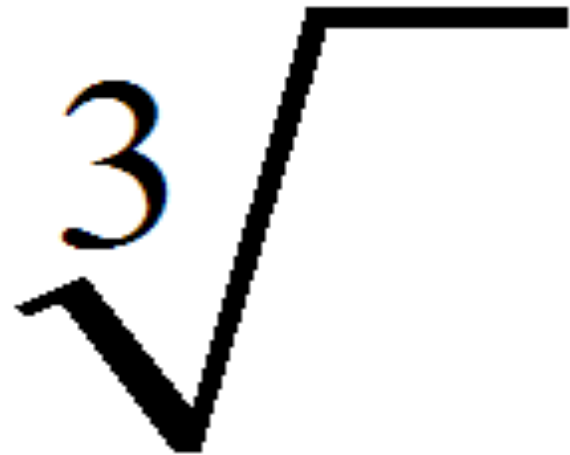
What does a square and cube root sign look like?



Square Root

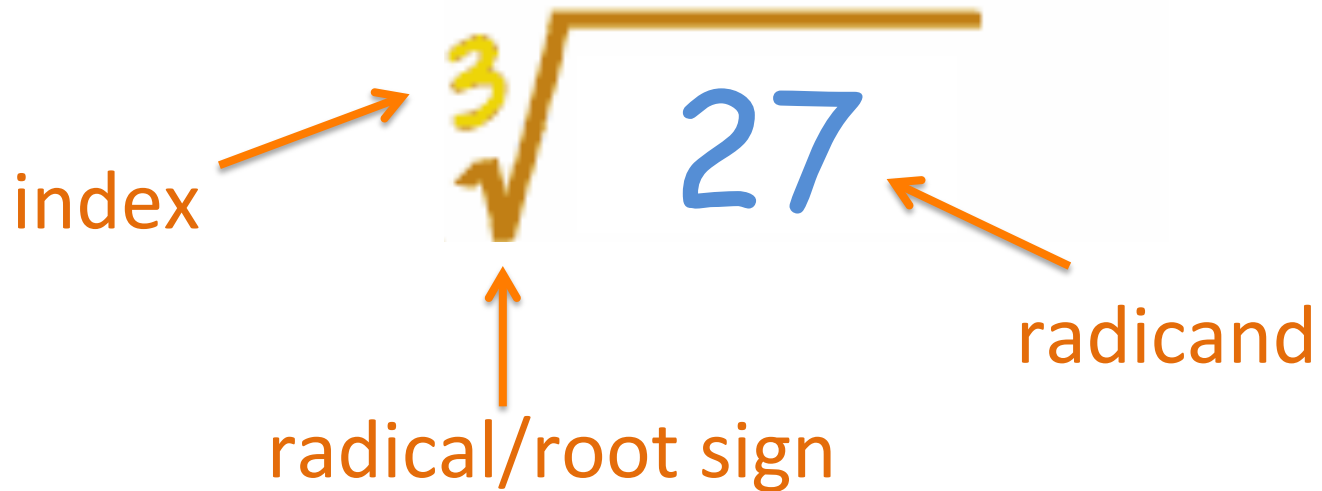


Cube Root





What are the parts of a root symbol?



This is read as the "cube root of 27"
OR "27 radical 3"



How do you evaluate square and cube roots?



- Square roots

- What number, times ITSELF 2 times, equals the radicand

Evaluate $\sqrt{9}$

$$\boxed{3} \cdot \boxed{3} = 9$$

$$\sqrt{9} = 3$$

- Cube roots

- What number, times ITSELF 3 times, equals the radicand

Evaluate $\sqrt[3]{8}$

$$\boxed{2} \cdot \boxed{2} \cdot \boxed{2} = 8$$

$$\sqrt[3]{8} = 2$$

How do you approximate square roots?



- Use the perfect squares to help you estimate:

Example:

Handwritten examples of square root approximations:

$\sqrt{81}$	$\sqrt{99}$	$\sqrt{100}$
9	29._____	10

The image shows three handwritten square root expressions. The first is $\sqrt{81}$ with the result '9' written below it. The second is $\sqrt{99}$ with '29.' followed by a horizontal line below it, indicating an approximation. The third is $\sqrt{100}$ with the result '10' written below it. A horizontal line is drawn across the middle of the three examples.