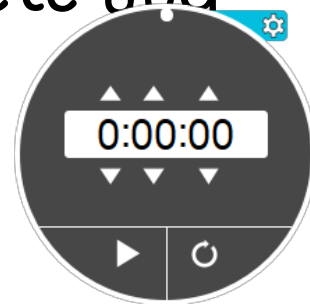


Warm-Up

7 minutes to complete and
practice



Fire Drill



Lockdown

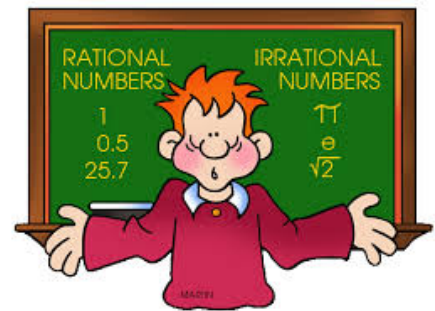
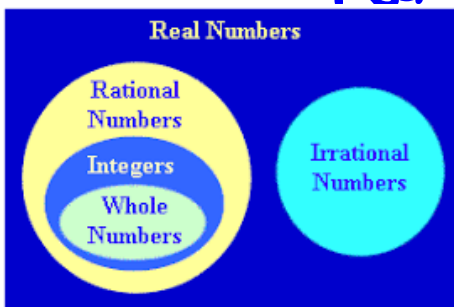


Textbook



Chapter 3

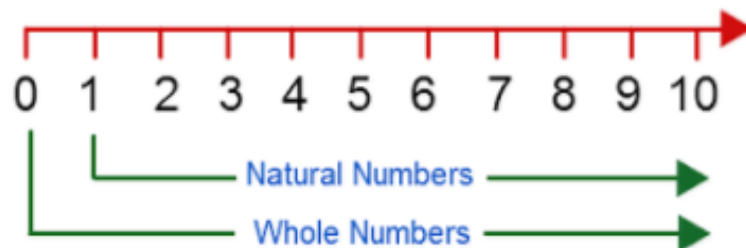
Rational Numbers



Natural Numbers...also known as
[AKA]...counting numbers.

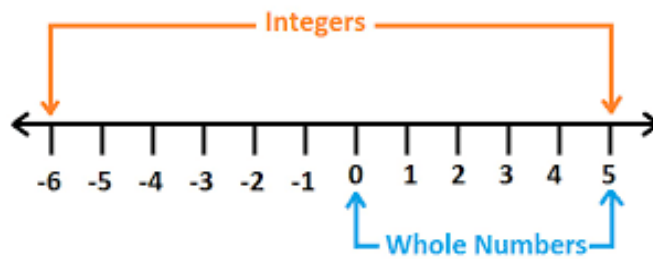
1, 2, 3, 4 . . .

Whole Numbers - all natural numbers
plus 0



Integers. ..all whole numbers and their opposite

* Never have decimals!

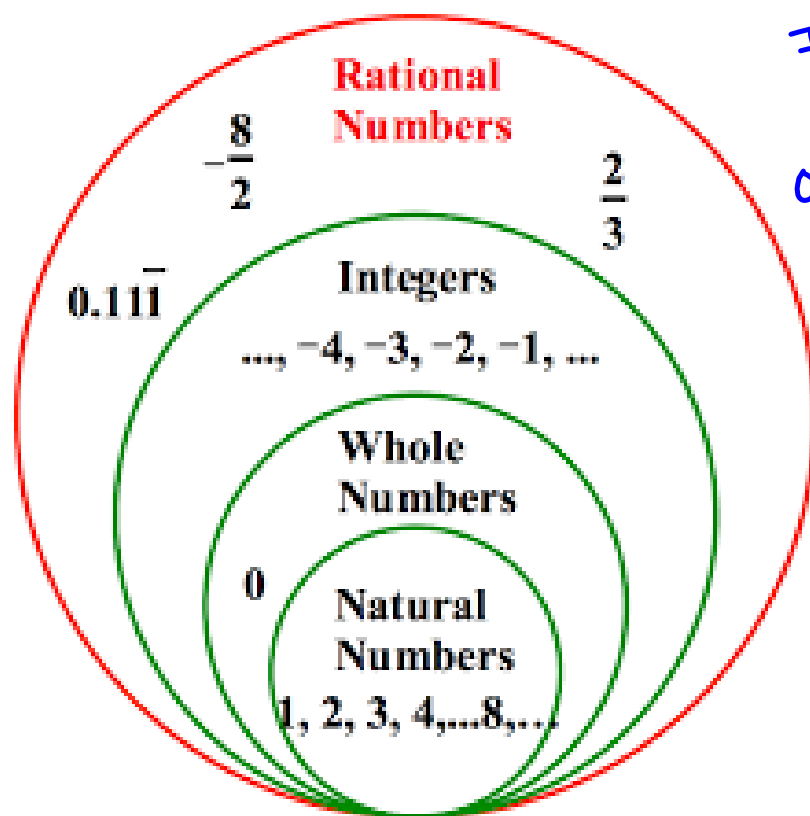


* Rational numbers either: *

1. Terminate [stop]
2. Repeat ^{OR}

Is $\frac{2}{6}$ a rational number?

$\hookrightarrow 0.\dot{3}$ $0.\bar{3}$ Repeats yes \uparrow



Irrational
Ex: $\frac{1}{7}$
0.1428571...

What is the difference between a rational number and an irrational number?

<u>Rational</u>	<u>Irrational</u>
* Terminate or * Repeat	* Doesn't terminate * No pattern