

September 7, 2016

Warm-Up



No Calculator!!!

$$\overset{x^4}{x^4} \frac{2}{7} + \frac{3}{4} \overset{x^7}{x^7}$$

$$\frac{8}{28} + \frac{21}{28} = \frac{29}{28} = 1 \frac{1}{28}$$

Chapter 3 Rational Numbers



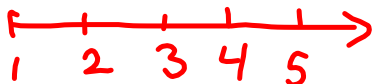
$\frac{1}{8}$	60%	0.222...
	$0.08\bar{3}$	$\frac{3}{4}$
37.5%		0.05
$\frac{2}{3}$	25%	

Fractional, Decimal & Percent Equivalents



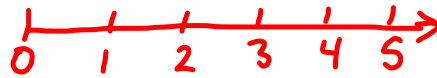
What is a rational number???

Natural Numbers...

start counting at 1. 

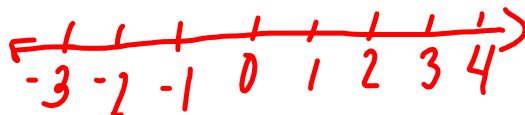
Whole Numbers....

start with zero (0) and include all natural numbers



Integers....

A whole number and its opposite



Rational Number

- Any number that can be written in the form $\frac{m}{n}$ where m and n are integers and $n \neq 0$

[fraction]

denominator

- Rational numbers will terminate [stop] or repeat

Irrational Number

- * Cannot be written as a fraction
- * Do not terminate and do not repeat.