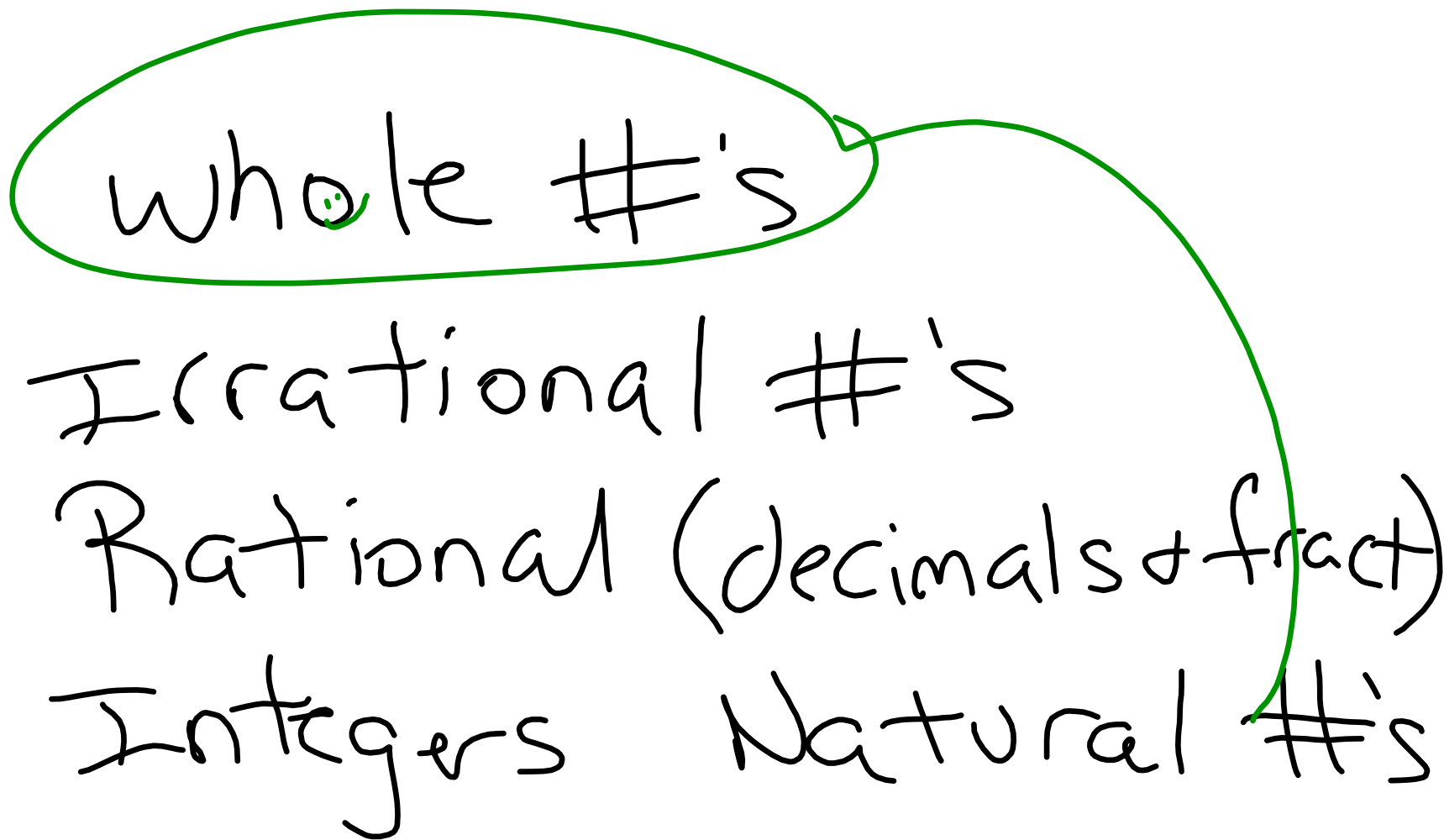


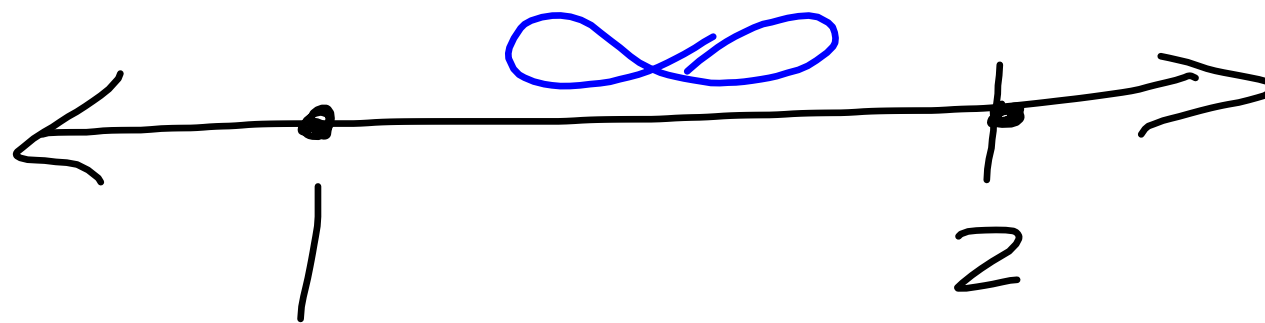
## TODAY'S AGENDA: September 17th

- Work on Khan Academy Mission:
  - > Complete Mission Foundation Skills
- Today's Objective:
  - > Comparing Rational Numbers
- What are Rational Numbers?

$$\begin{array}{r}
 .66\bar{6} \\
 \cdot 6' \quad \quad \quad \frac{2}{3} \\
 .3 \quad \simeq \quad \simeq \quad \frac{1}{3} \\
 \frac{666}{1000} \\
 \frac{333}{500}
 \end{array}$$

## Types of Numbers





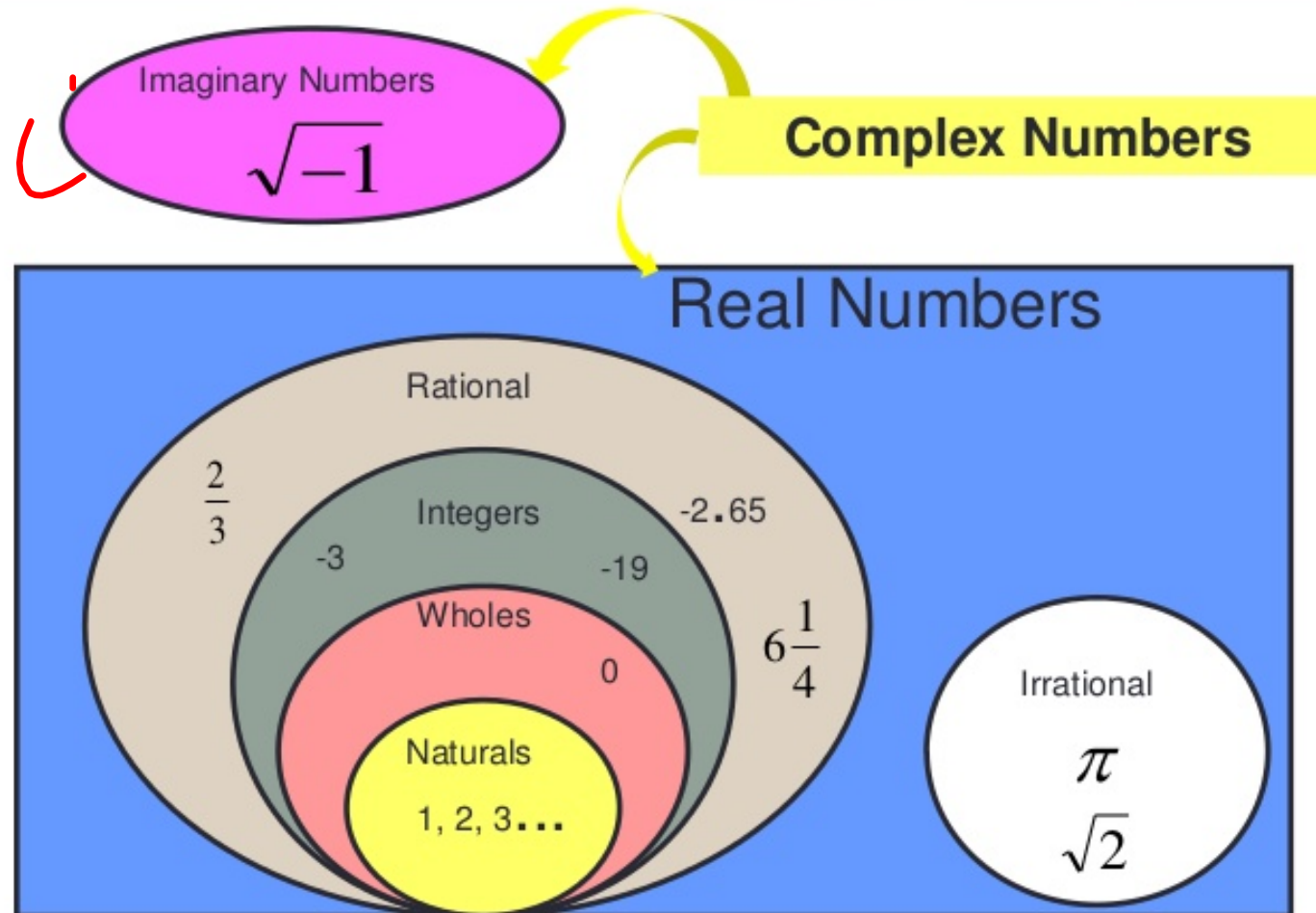
$$\text{google} = 10^{100}$$

$$\text{googplex} = 10^{\text{google}}$$

# Types of Numbers

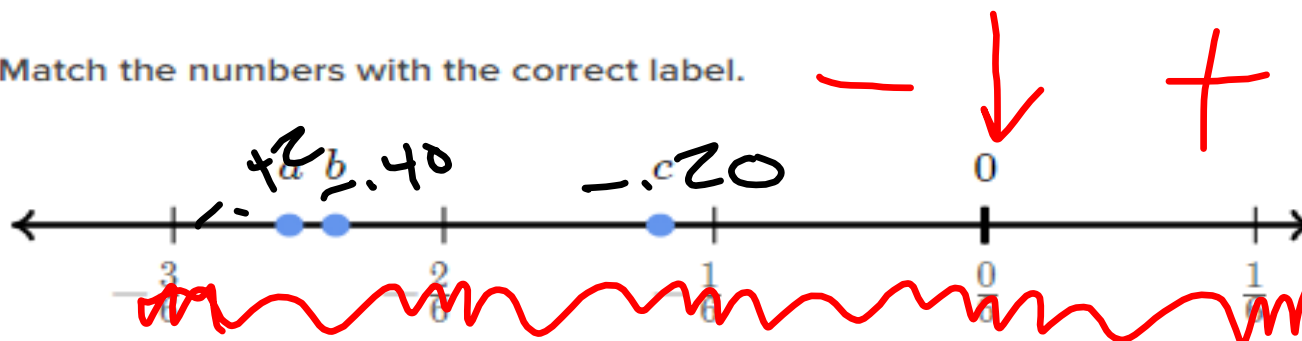
Lecture Slides By Adil Aslam

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# Comparing Rational Numbers

Match the numbers with the correct label.



Label	Number
a	$-\frac{3}{7}$
b	$-\frac{1}{5}$
c	-0.4

$-\frac{3}{7} = -.42$   
 $-\frac{1}{5} = -.20$   
 $-0.4 = -.40$

$$\frac{03}{07}$$



	Meat ingredients	<del>Total ingredients</del>	Total ✓
Recipe 1	2	4	
Recipe 2	4	7	= 3
Recipe 3	3	5	

Order the recipes by the percentage of meat ingredients from least to greatest.

Recipe 1

Recipe 3

Recipe 2



Sergio, Raul, and Paulo use their free time to either study or play video games. The following table shows the number of hours each person spent studying and playing video games during their free time last week.

	Hours studying	Hours playing video games
Sergio	6	14
Raul	8	14
Paulo	8	2

Order the boys by their percentage of free time spent studying from least to greatest.

$$6/20 = .30$$

$$8/22 = \underline{\quad}$$

$$8/10 = .80$$