Curriculum Outcome

N1: Demonstrate an understanding of rational numbers by: comparing and ordering rational numbers; solving problems that involve arithmetic operations on rational numbers.

Student Friendly: How to identify and write rational numbers





Place checkmarks in each number system that the number belongs to.

Exercise

Complete the table						
	N	W	I	Q	Q	R
5	>	>	>	>)
<u>- 2</u>			\ \	\		/
3				\)
- 1,3)		\
√ 5					>	\
0. 3						\
√ 9	ン	\rightarrow\tag{\tau}	\cdot)		\(\)
0		√	<u></u>	<u></u>		



TRUE or FALSE:

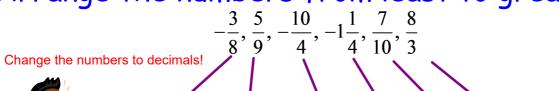
- 1. ALL integers are rational numbers. \mathcal{T}
- 2. ALL natural numbers are whole numbers.
- 3. ALL rational numbers are natural pumbers.
- 4. ALL integers are irrational numbers. \digamma

Arrange the numbers from least to greatest.



$$-\frac{3}{8}, \frac{5}{9}, -\frac{10}{4}, -1\frac{1}{4}, \frac{7}{10}, \frac{8}{3}$$

Arrange the numbers from least to greatest.



-2.5 -1.25 -0.375 0.555... 0.7 2.666...

...Greatest

$$-\frac{10}{4}$$
, $-1\frac{1}{4}$, $-\frac{3}{8}$, $\frac{5}{9}$, $\frac{7}{10}$, $\frac{8}{3}$

What numbers are between 3 and 0.4?



There are two ways!

See fractions and decimals

- 1. Change the fractions to decimals.
 - 0.4
 - 0.75 0.4

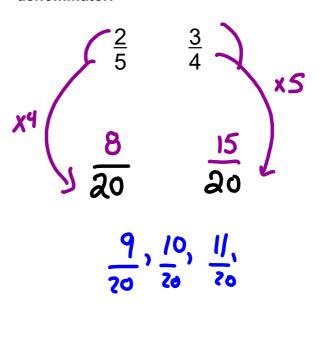
What numbers are between 3 and 2?



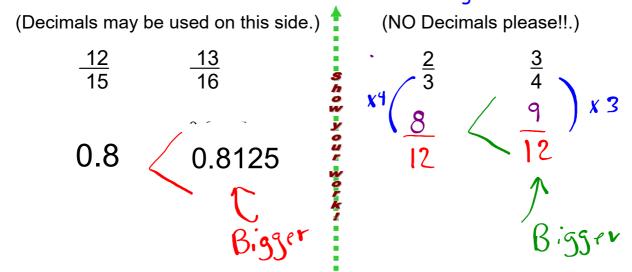
There are two ways!

If we soon work work we think with the west on the sections

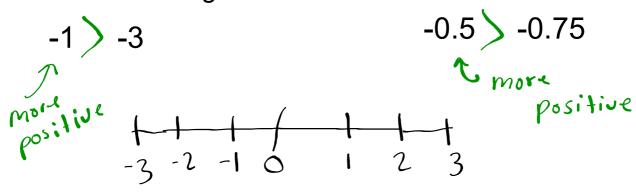
Write the fractions with common a denominator.

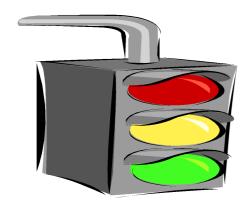


Which rational number is larger??



Be careful with negative numbers:





Note:

If the questions have ONLY fractions in them than you must have fractional answers. If the questions have decimal and fractions, then your answer can either be in decimal for of fraction form

Gass Homework

Page 101-103
Questions:
5, 6, 7, 12aceh. 13, 14aceg, 16bf, 17ac, 21, 23ad, 24ac