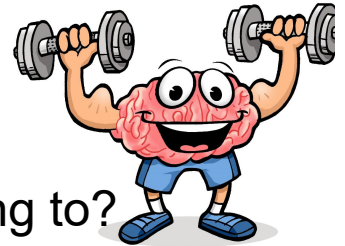


Warm-Up September 9, 2019



A. What group[s] of numbers does each belong to?

*[rational, irrational, integers, whole, natural]*

1. square root of 8      2.  $828427\dots$  *Irrational*

2. square root of 25       $\sqrt{25} = 5$       *Rational, Integer, Whole, Natural*

3. -3.5      *Rational*

B. Order from Greatest to least *Big  $\rightarrow$  Small*

~~-1.2~~, ~~-8.5~~, ~~-1.21~~, ~~-0.65~~, ~~-0.83~~, ~~-1.31~~

*-0.65, -0.83, -1.2, -1.21, -1.31, -8.5*

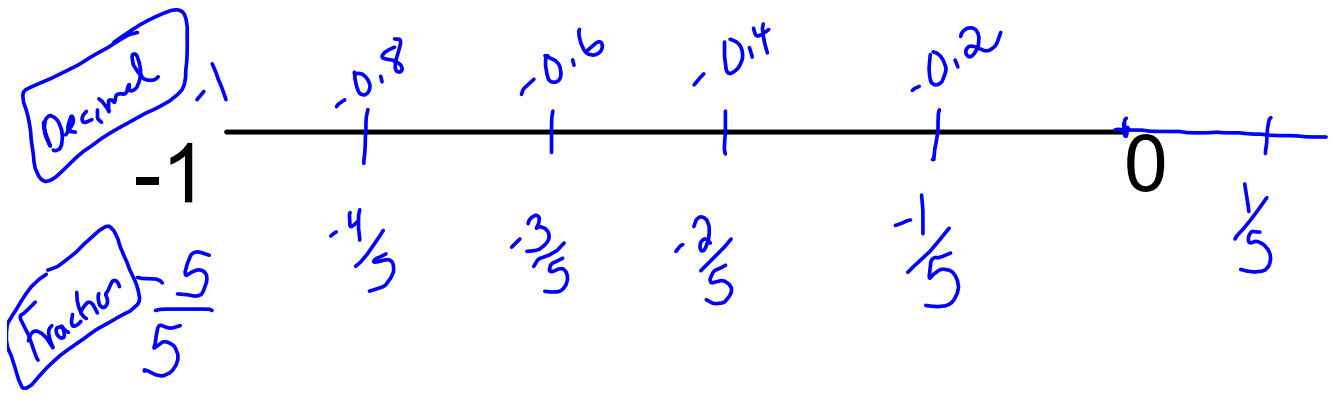
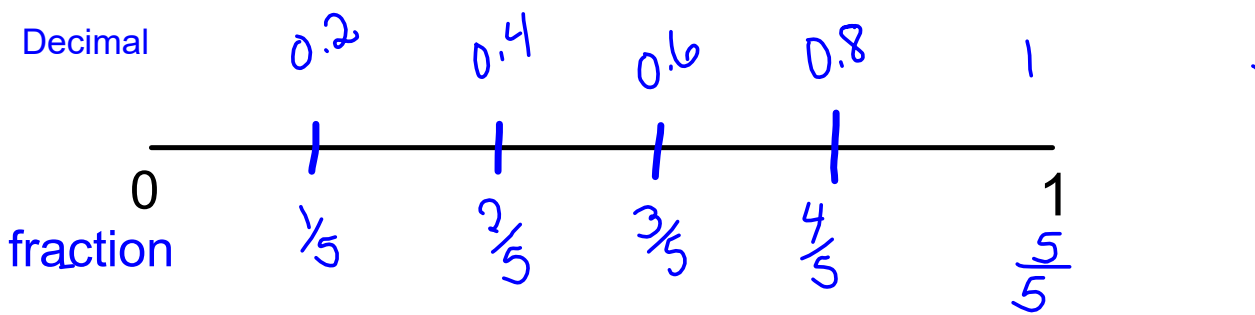
Greatest to Least

Big → Small

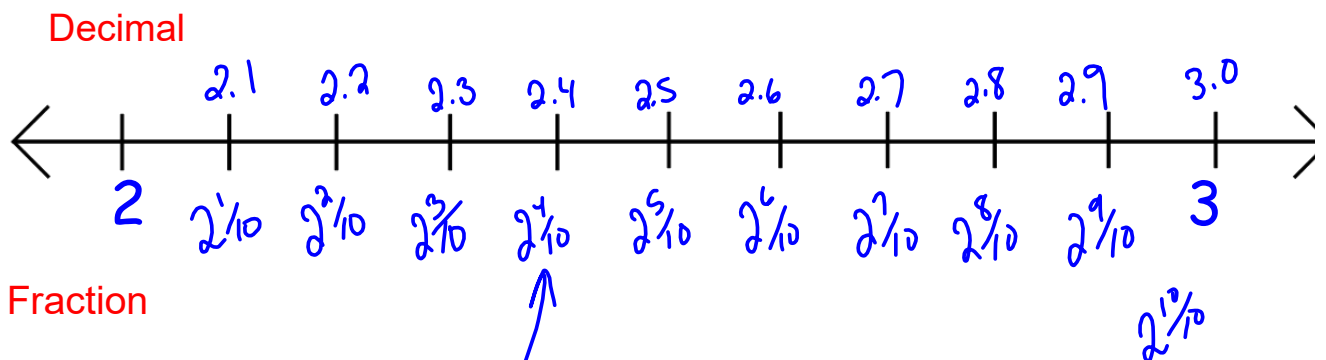
$\frac{2}{-5}$  <sup>-0.40</sup>,  $-1.3$ ,  $\frac{-5}{3}$  <sup>-1.66</sup>,  $\sqrt{3}$  <sup>1.732</sup>,  $-\frac{0.3}{5}$  <sup>-0.30</sup>,  $\frac{0.57}{1}$ ,  $-\frac{1}{6}$  <sup>-0.16</sup>

$\sqrt{3}$ ,  $0.57$ ,  $-\frac{1}{6}$ ,  $-0.3$ ,  $-\frac{2}{5}$ ,  $-1.3$ ,  $-\frac{5}{3}$

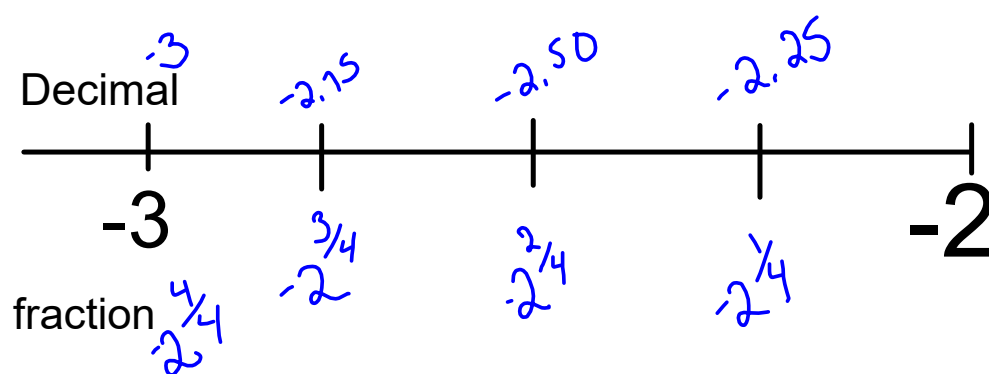
# Divide into 5 equal parts

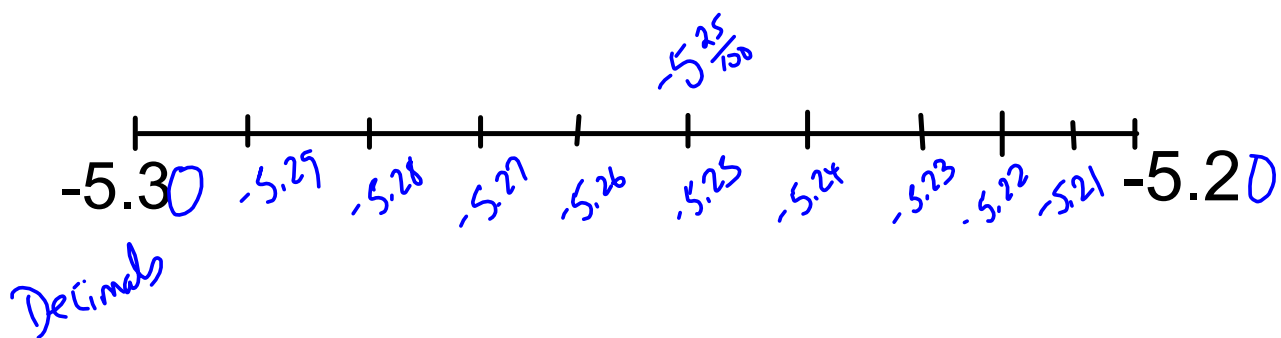


Let's look at Rational numbers on a number line...



The denominator gives the number of pieces the line is divided into!





-5.20

-5.30

Classwork:

Page 101-103

Answers Pg 480-481

#6 [Hint the negative sign can be in different places]

#7

#8 a,c Sketch the number line

#10 a,c Sketch the number line

#12 a,c,e,g,h

#21 [Hint: change to decimals]

#23 a,c

#24 a,c

#25

} You Do NOT HAVE TO DRAW A Number Line!