Sept. 21
Periods 1,2,4,6

ATTENDANCE

Come In Quietly.
Place Homework (pg. 34 and the Yellow Sheet) on your desk.
Check your answers with your table partner. Be ready to ask questions.

$7.3 = 7\frac{3}{10}$

Class Work -
AIMS
Comparing and ORdering Rational Numbers, pgs. 45. 48

$\frac{73}{10}$

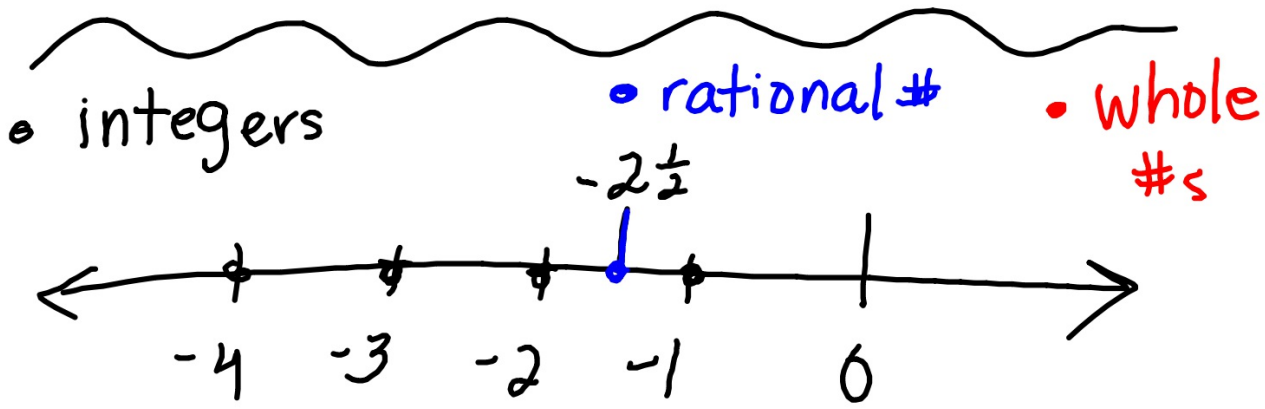
Homework- 30 minutes/week in IXL on 6th grade skills or above.
Focus on the skills YOU feel you need help in.

Class Notes- Sept. 21

Comparing and Ordering Rational Numbers

5, 6, 7...

−0.01



Changing fractions/mixed numbers into decimals

$.666$

To change a mixed number into a decimal:

1) If the denominator is a factor of 10, 100, or 1000, find the equivalent fraction.

$$\frac{3}{4} \xrightarrow{\times 25} \frac{75}{100} = .75$$

$1.\overline{666}$

≈ 1.67

2) If the denominator is not a factor of 10, 100, or 1000, then you need to divide the numerator BY the denominator.

$$\frac{3}{8}$$

$n \div d$

$$\begin{array}{r} .375 \\ 8\overline{)3.0} \\ -24 \\ \hline 60 \\ -56 \\ \hline 40 \end{array}$$

$.375$

$0.21\overline{63}$

$2\frac{2}{3}$

$2.$

$\frac{2}{3}$

$$
\begin{array}{r}
.666 \\
3\overline{)2.0} \\
-18 \\
\hline
20 \\
-18 \\
\hline
20
\end{array}
$$

$= .\overline{66}$

$\approx .67$

4) $6.75 = 6\frac{75}{100}$ $\frac{a}{b}$

$\frac{675}{100}$

6) $-.35 = -\frac{35}{100} = -\frac{7}{20}$

This might help with problem #2 on pg. 34 (classwork for 9/20)

$\frac{\text{part}}{\text{whole}}$ $\frac{0}{1}$

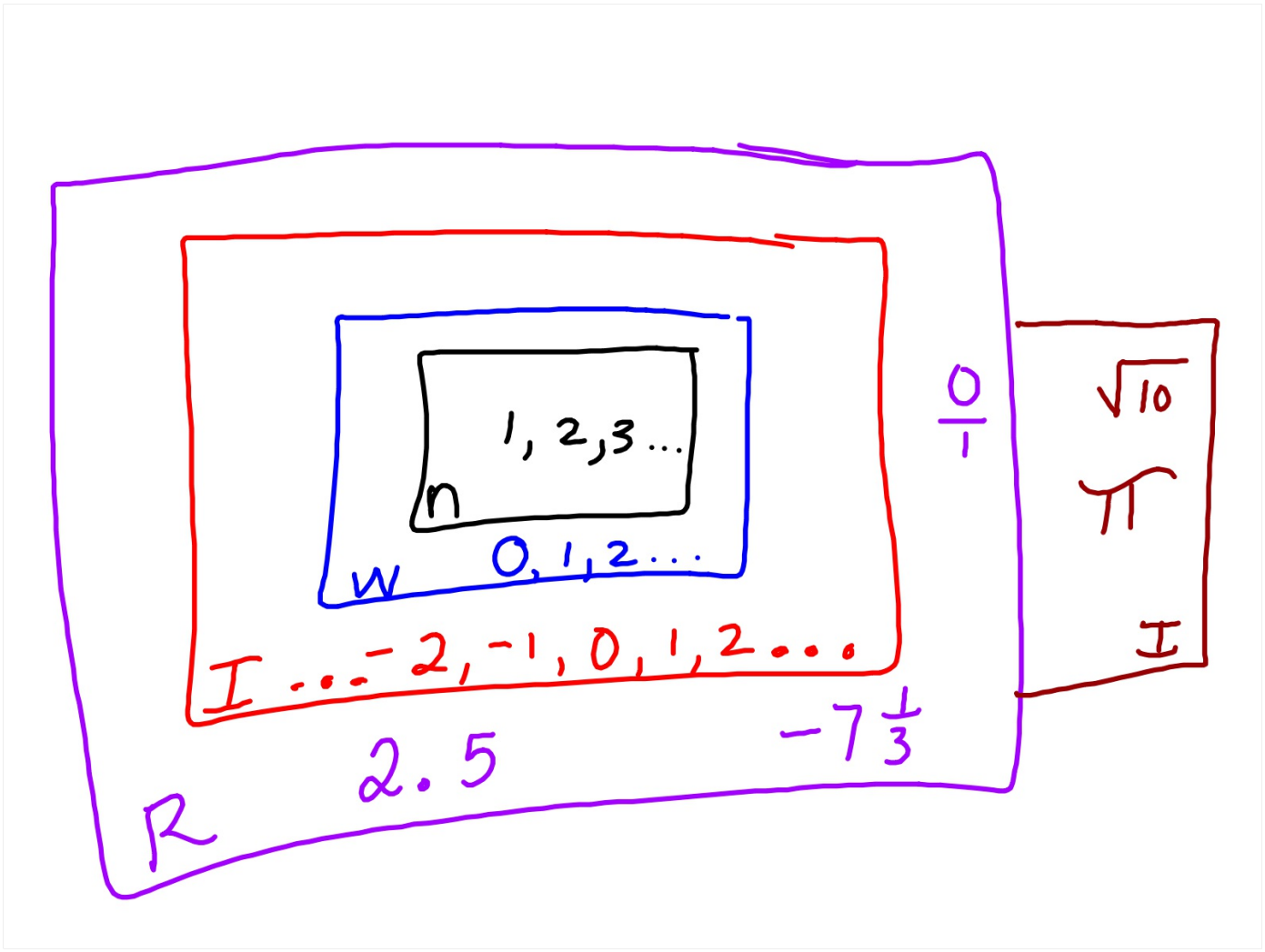
Remember
A rational number is any number that can be expressed as the quotient or fraction **a/b** of two integers, a numerator **a** and a non-zero denominator **b.** Since **b** may be equal to 1, every integer is a rational number..

$-0.35 = -\frac{35}{100}$

$= -\frac{7}{20}$

$6.75 = 6\frac{75}{100}$

$\frac{27}{4} = \frac{675}{100}$


1, 2, 3...
n
W
0, 1, 2...
I ...-2, -1, 0, 1, 2...
2.5
$-7\frac{1}{3}$
R
$\frac{0}{1}$
$\sqrt{10}$
π
I

Sept. 21
Period 5

Come in quietly.
Place homework on your desk.

Class Work - The Coordinate Plane, do not complete # 14.