All classes....
In the event you did not complete the IXL Skills for the first week, you have been given another chance to raise your IXL grade. This is a one time opportunity. Students who did not follow through on this homework assignment saw their grade fall by one or more letters.

The deadline for both Assignments (first and second weeks) has been extended to October 25th.

October 16, 2018
Periods 1,2,4,6

Come in Quielty and Place your homework on your desk.
Begin working on your Warm Up.

Warm Up - # Two

Tear out pages 143-168

Class Work-
Check Homework together.
Tear Out pages 143-168 **Reference Sheet - Divisibilty Rules**

Homework - Do not follow the written directions, instead list the three forms of how to write a ratio and simplify if possible.

Homework Example:

1) Nine slices of pizza for seven kids.
   9/7
   9 to 7
   9:7

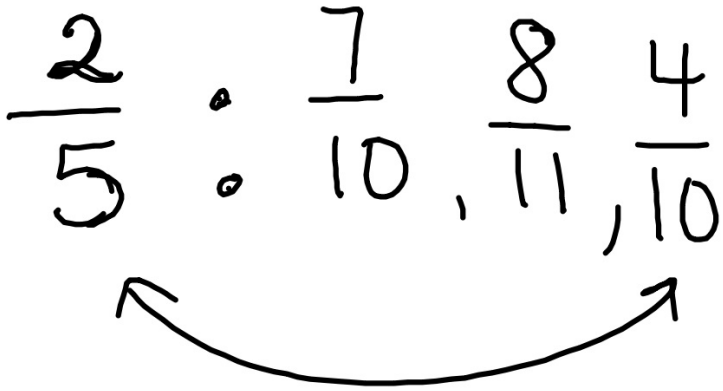
Ratio Notes

Ratios- the amount of one quantity compared to the amount of another quantity.

fraction, colon, "to"

Fraction 4/6 = 2/3
Colon 4:6 or 2:3
"To" 4 to 6 or 2 to 3

simplest, simplify



Ratio Vs. Fractions

NO, because it compares the PART of the class that is girls to the PART of the class that is boys. It is a PART-TO-PART ratio, not a fraction. Fractions compare PART-to-WHOLE.

WORDS: girls FRACTION: 4/10 = 2/5
girls + boys

Units

EXAMPLES - share

MTH 092

I.

A) 9/17

B) 6/19

C) 9 2/6 to 9 3/6

56/6 to 57/6

$9\frac{1}{3}$ to $9\frac{1}{2}$

Could this be simplified in another way?

$9\frac{2}{6}$ to $9\frac{3}{6}$

II.

A) 93/4

B) 41/9

$\frac{56}{6}$ to $\frac{57}{6}$ ⇝ 56:57

October 16, 2018
Come in Quietly and place your Homework on your desk.

Period 5
Warm Up- Write each Rational Number in A/B form (fraction).

1) -27 $-\frac{27}{1}$

2) 16 $\frac{16}{1}$

3) 0.15 $\frac{15}{100} = \frac{3}{20}$

4) 7 1/2 $\frac{15}{2}$

Check Homework- answers on next slide

Pg. 35 Answers

2) -6/1

3) 97/100

4) 18/1

5) 33/10

6) -17/8

8) Rational Numbers

9) Whole Number, Integer, Rational Number

11) -14: Integer, Rational Number

12) 0 : Whole Number, Integer, Rational Number

October 16, 2018
Period 5

Class Work -
Identifying Opposites and Absolute Values of Rational Numbers
Video
Worksheet Lesson 3-2, pg. 42
Homework - pg. 41

① $\frac{3}{8}$

$$8\overline{)3.0} = 0.375$$

-24

60

-56

40

-40

0

② $\frac{7}{5} \overset{\times 2}{=} \frac{14}{10}$

$1.4 \quad \frac{10}{10} + \frac{4}{10}$

8. $0.5, 0.05, \frac{5}{8}$

0.5

~~0.05~~

0.625

$0.05, 0.5, \frac{5}{8}$

0.625

$$
\begin{array}{r}
.625 \\
8\overline{)5.0} \\
48 \\
\hline
20 \\
-16 \\
\hline
40
\end{array}
$$