

## Math 7 - Unit 1b

### Day 8 - Dividing Rational Numbers (Decimals)

#### Lesson Objectives:

- I can divide positive and negative decimals.

Jun 27-3:40 PM

To divide a decimal by a whole number, first place the decimal point in the quotient directly above the decimal point in the dividend. Then divide as with whole numbers.

$$7 \overline{)58.10}$$

$$17.5 \div 14$$

$$\begin{array}{r} 36.9 \\ 3 \end{array}$$

Oct 3-1:03 PM

To divide a decimal by a decimal, move the decimal point in the divisor until the divisor is a whole number. Move the decimal point in the dividend the same amount. Then divide like normal.

$$0.49 \overline{)0.5194}$$

$$0.540 \div 0.6$$

$$\begin{array}{r} 0.04 \\ 0.025 \end{array}$$

Oct 3-1:03 PM

We can also divide with **NEGATIVE** decimals.

$$-0.63 \div 0.9$$

$$42 \div (-0.8)$$

$$-0.384 \div (-1.2)$$

Oct 3-1:05 PM

## Homework

### Divide Decimals WKS

#### \* Individual Think Time \*



#### What to do if you get stuck...

1. Reread the problem. Did you write it down correctly?
2. Reread your notes. Is there a problem similar that we did together in class?
3. Find a problem similar in your book. Try this one to see if it helps.
4. Skip the problem until the end of Individual Think Time. Then ask an "educated" question of a neighbor or Mrs. Call.

Today we're working by...



Jul 8-10:14 AM