Post-It

Check!!!

8/8/17

Write your name at the back of the post-it.

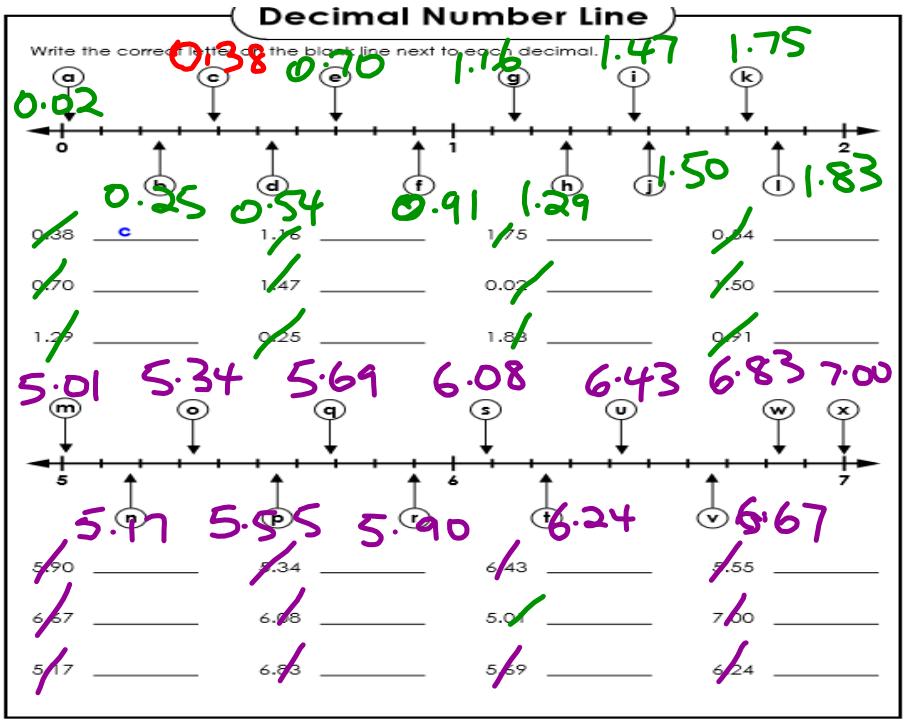
1. $\frac{3}{8} + \frac{9}{8} = \frac{3+9}{8} = \frac{12}{8} = \frac{3}{2} = 1\frac{1}{2}$ (÷4)

2. $\frac{2}{3} - \frac{1}{4} = \frac{8}{12} - \frac{3}{12} = \frac{5}{12}$ (4·3)

Warm-Up 8/8/17

You have 10 minutes to complete the Decimal Number Line Activity.

The first blank line is done for you - 0.38 is c.



Multiplication & Division of Fraction Drills

1. $5 \div \frac{7}{9}$

$\frac{5}{1} \times \frac{9}{7} = \frac{45}{7}$

$$\begin{array}{r} 6 \\ 7\overline{)45} \\ -42 \\ \hline 3 \end{array} = \boxed{6\frac{3}{7}}$$

2. $2 \bullet \frac{3}{8}$

$\frac{2}{1} \times \frac{3}{8} = \frac{6 \div 2}{8 \div 2} = \boxed{\frac{3}{4}}$

③ $\frac{5}{1} \times \frac{1}{10} = \frac{5}{10} = \boxed{\frac{1}{2}}$

④ $\frac{8}{9} \times \frac{3}{4} = \frac{24 \div 12}{36 \div 12}$

$= \boxed{\frac{2}{3}}$

⑤ $1\frac{1}{2} \div 1\frac{1}{4}$

$\frac{3}{2} \div \frac{5}{4}$

$\frac{3}{2} \times \frac{4}{5} = \frac{12 \div 2}{10 \div 2}$

$= \frac{6}{5}$

$= \boxed{1\frac{1}{5}}$

Home Work Review 8/8/17

Multiplying and Dividing Fractions.....

Any questions before you turn it in?

Essential Question 8/8/17

How can we round and compare decimals?

MFANSQ2: Students will conceptualize positive and negative numbers (including decimals and fractions).

OPENING 8/8/17

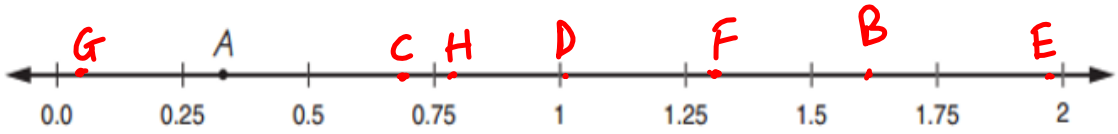
PLACE VALUE CHART with Decimals								
	Hundreds	Tens	Units	DECIMAL POINT	Tenths	Hundredths	Thousandths	
Number written in figures here	**H**	**T**	**U**	●	$^1/_{10ths}$	$^1/_{100ths}$	$^1/_{1000ths}$	**Number written in words and what the number means**
7.25			7	●	2	5		seven point two five **which means** 7 units, 2 tenths and 5 hundredths **or** 7 units and 25 hundredths
.897				●	8	9	7	Point eight nine seven **which means** 8 tenths, 9 hundredths and 7 thousandths.
986.445	9	8	6	●	4	4	5	nine hundred and eighty six point four four five **which means** 9 hundreds, 8 tens, 6 units, 4 tenths, 4 hundredths and 5 thousandths
Fill in the missing words and numbers on this chart.								
789.2	7	8	9	●	2			
		3	4	●	8	1		
	2	9	9	●	0	0	6	two hundred and ninety nine point zero zero six **which means** 2 hundreds, 9 tens, 9 units, 0 tenths, 0 hundredths and 6 thousandths
			1	●	7	5		
101.101	1	0	1	●	1	0	1	
0.089			0	●	0	8	9	
			6	●	7			six point seven **which means** 6 units and 7 tenths
798.565	7	9	8	●	5	6	5	

Guided Practice 8/8/7

Day 4: Plotting, Comparing, & Rounding Decimals

1. Mark the appropriate locations of the decimals and fractions on the number lines below. Rename the fractions as decimals if necessary.

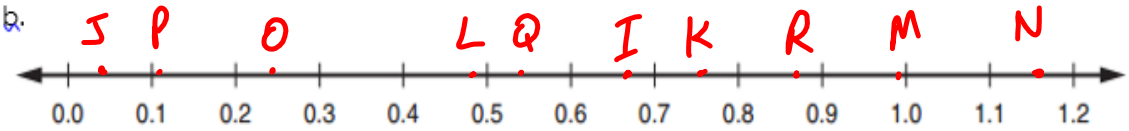
a.



A 0.33 B 1.6 C 0.7 D 1.01

E 1.99 F 1.33 G 0.1 H 0.8

b.



I 0.67 J 0.05 K $\frac{75}{100}$ 0.75 L 0.49 M 0.99

N 1.15 O $\frac{25}{100}$ P 0.101 Q 0.55 R 0.88

$= 0.25$

2. Compare the following numbers using <, >, or =:

a. 0.5 > 0.48 b. 1.47 < 1.472 c. 0.06 < 0.60 d. 0.9 = 0.90

3. Order the decimals in order from least to greatest.

a. 7.35, 9.45, 7.2, 7.94, 9.04, 9.72

7.2, 7.35, 7.94, 9.04, 9.45, 9.72

b. 0.553, 0.53, 0.053, 0.35, 0.55, 0.035

.035, .053, .35, .53, .55, .553

c. 2.13, 2.561, 2.098, 2.56, 2.375, 2.36

2.098, 2.13, 2.36, 2.375, 2.56, 2.561

d. -5.6, -4.2, -5.75, -5.62, -4.02, -4.29

-5.75, -5.62, -5.6, -4.29, -4.2, -4.02

4. What's green on the inside, white on the outsides, and hops? Put the numbers in order from least to greatest to find out.

.25 .50

0.66	1	0.2	1.05	0.90	0.01	0.75	0.35	$\frac{25}{100}$	$\frac{50}{100}$	0.05	0.09	5.5
N	I	O	C	W	A	D	S	G	A	F	R	H

Write your answers in the following table. The first answer is done for you.

0.01	0.05	.09	.2	$\frac{25}{100}$	.35	$\frac{50}{100}$	.66	.75	.90	1	1.05	5.5
A	F	R	O	G	S	A	N	D	W	I	C	H

$\frac{25}{100} = 0.25$ $\frac{50}{100} = 0.50$

5. Round the following numbers to the stated place value:

a. 37.823; hundredths — 37.82

b. 89.7267; thousandths — 89.727

c. 724.62; ones — 725

d. 27.93; tens — 30

e. 298.49; tenths — 298.5

f. 893.2785; hundredths — 893.28

g. 2383.982; hundreds — 2400

h. 423.99; tenths — 424

6. A decimal has two digits to the right of its decimal point. If we round to the nearest tenth, the result is 13.7.

a. What is the maximum possible value of what the original number was? = 13.74

b. What is the minimum possible value of what the original number was? = 13.65

7. A root beer factory produces 132,554 cases in 100 days. About how many cases does the factory produce in 1 day? Round your answer to the nearest case.

$132,554 \div 100 = 1325.54$

$= 1326$ cases.

Don't forget to study for your quiz on Friday! The quiz will be on Fraction operations and decimal-percent-fraction conversions.