

You need out your warm up, hw from last night, & agenda

Homework: Quiz Review. Quiz Tomorrow!

Warm Up:

DMSBD

1) Convert to a decimal:  $\frac{2}{3}$

$$-4 \frac{75}{100} \div \frac{5}{5}$$

2) Convert to a fraction: ~~4~~.75

$$\frac{.115}{1000}$$

$$\frac{.35}{100}$$

$$\frac{.49}{100}$$

$$-4 \frac{15}{20} \div \frac{5}{5}$$

$$-4 \frac{3}{4}$$

## Converting Decimals &amp; Fractions HW

1. Convert to a decimal:  $\frac{1}{6}$ 

$$\begin{array}{r} .1\bar{6} \\ 6 \overline{) 100} \\ \underline{-6} \phantom{0} \\ 40 \\ \underline{36} \\ 40 \end{array}$$

4. Convert to a decimal  $\frac{12}{20} \div 4$ 

$$\begin{array}{r} .6 \\ 5 \overline{) 30} \end{array} \quad \frac{3}{5}$$

2. Convert to a fraction:  $0.\bar{7}$ 

$$\frac{7}{9}$$

3. Convert to a fraction: 1.34

$$\left| \frac{34}{100} \div 2 \right| \left| \frac{17}{50} \right|$$

5. Convert to a fraction  $0.\underline{65}$ 

$$\frac{65}{100} \div 5 \left( \frac{13}{20} \right)$$

Fill in the blanks:

$$\frac{1}{3} + \frac{2}{3} = \underline{\quad}$$

$.3 + .6$

Mixed Integers/Converting- Study Guide

Name \_\_\_\_\_

1)  $\frac{3}{11} \times -4$

$$\frac{-12}{11}$$

$$\left(-1\frac{1}{11}\right)$$

~~4~~

2)  $-2\frac{1}{3} + \frac{5}{6}$

$$\frac{+}{5} \mid \frac{-}{6}$$

$$\frac{7}{3} \cdot \frac{2}{6}$$

$$\frac{14}{6}$$

3)  $4 \div \frac{3}{7}$

$$\frac{9}{6} \mid \frac{3}{6} \div 3$$

$$\left(-1\frac{1}{2}\right)$$

$$\frac{4}{1} \times \frac{7}{3} = \frac{28}{3}$$

$$\left(9\frac{1}{3}\right)$$

$$-5\frac{2}{5} + \frac{1}{10}$$
$$-\frac{27}{5} + \frac{1}{10}$$

$$-5\frac{3}{10}$$

+	-
$\frac{1}{10}$	$\frac{27}{5} \cdot \frac{2}{2} = \frac{54}{10}$
	$-\frac{53}{10} = -5\frac{3}{10}$



4)  $9 + 23$

$$\begin{array}{r|l}
 + & - \\
 9 & \\
 \hline
 23 & \\
 \hline
 \textcircled{32} & 
 \end{array}$$

6)  $(-20)(8)$

$$\begin{array}{r}
 20 \\
 8 \\
 \hline
 -160
 \end{array}$$

7)  $-8.2 \times 1.45$

$$\begin{array}{r}
 3 \quad 4 \\
 1.45 \\
 \times 8.2 \\
 \hline
 290 \\
 + 11600 \\
 \hline
 11.890
 \end{array}$$

.125

8) Convert to a decimal:  $\frac{1}{8}$

$$\begin{array}{r}
 8 \overline{) 1.000} \\
 \underline{-8} \phantom{00} \\
 20 \phantom{0} \\
 \underline{-16} \phantom{0} \\
 40 \\
 \underline{-40} \\
 0
 \end{array}$$

9) Convert to a fraction: 1.24

$$\frac{124}{100} \div 2$$

$$\frac{12}{50} \div 2 = \left[ \frac{6}{25} \right]$$



Convert  
decimal  $\rightarrow$  fraction

$$5 \overline{) 20.4}$$

Convert  
fraction  $\rightarrow$  decimal

$$5 \overline{) 2}$$

+/- fractions

$$3\frac{2}{3} - \frac{1}{4}$$

## Mixed Integers/Converting- Homework

1)  $\frac{-2}{7} + \frac{2}{3}$

2)  $6 \div \frac{3}{8}$

3)  $62 + -88$

4)  $(8.7)(-4.5)$

5) Convert to a decimal:  $2\frac{6}{8}$

6) Convert to a fraction: 0.24  
(simplify!)