

# Module 6: Mid Mod practice test.

Answer  
Key

Directions: • take the practice test Monday.

• Look on Mr. B's website Tuesday for answer key.

• Check over your practice test. Email questions.

• Take actual test Wednesday. Look for google document on our google classroom.

• Don't forget I-Ready.



Part I: write each fraction as a decimal.

Example:  $\frac{3}{10} = 0.3$

$\frac{6}{100} = 0.06$

$8\frac{3}{10} = 8.3$

1)  $\frac{4}{10} = 0.4$

2)  $\frac{8}{100} = 0.08$

3)  $\frac{62}{100} = 0.62$

4)  $5\frac{1}{10} = 5.1$

5)  $8\frac{42}{100} = 8.42$

6)  $\frac{4}{100} = 0.04$



Think PVC!!

Tens	ones	0	tenths	hundredths
		0		

Part II: tenths to hundredths...

Example:  $\frac{4}{10} \times \frac{10}{10} = \frac{40}{100}$       $\frac{4}{10}$  is equivalent to  $\frac{40}{100}$ .

4 tenths = 40 hundredths.

7)  $\frac{5}{10} = \frac{5}{10} \times \frac{10}{10} = \frac{50}{100}$      5 tenths = 50 hundredths

8) 2 and 3 tenths =  $2 \frac{3}{10} = 2 \frac{30}{100}$

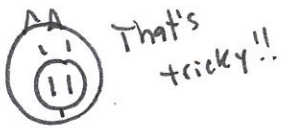
Part III: decompose using units

Example:  $3.37 = 3 \text{ ones} + 3 \text{ tenths} + 7 \text{ hundredths}$

9)  $4.18 = 4 \text{ ones} + 1 \text{ tenth} + 8 \text{ hundredths}$

10)  $32.74 = 3 \text{ tens} + 2 \text{ ones} + 7 \text{ tenths} + 4 \text{ hundredths}$

11)  $46.07 = 4 \text{ tens} + 6 \text{ ones} + 7 \text{ hundredths}$



Part IV: hundredths to tenths

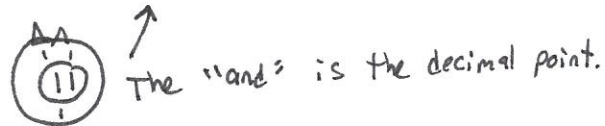
Example:  $\frac{30}{100} = \frac{30}{100} \div \frac{10}{10} = \frac{3}{10}$  { decimal  $\rightarrow 0.30 = 0.3$  Prc!! }

12)  $\frac{40}{100} = \frac{4}{10}$

13)  $\frac{70}{100} = \frac{7}{10}$

Part V: unit form

Example: Write 1 and 17 hundredths as a decimal... 1.17

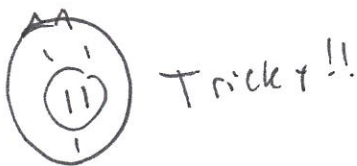


14) Write 3 and 53 hundredths as a decimal: 3.53

15) Write 4 and 27 hundredths as a decimal: 4.27

16) Write 13 and 42 hundredths as a decimal: 13.42

17) Write 26 and 2 hundredths as a decimal:



No tenths!!

26.02

Part VI: Compare

Example:  $0.36 < 0.4$  (4 tenths > 3 tenths)

18)  $0.5 < 0.6$

19)  $0.43 > 0.39$

20)  $0.48 < 0.7$

21)  $0.03 < 0.1$

Part VII: Extended response → how many tenths  
are in  $3 \frac{40}{100}$ ?

o Each "1" =  $\frac{10}{10}$  or ten tenths.

o  $\frac{40}{100} \div \frac{10}{10} = \frac{4}{10}$  or four tenths

o 
$$\begin{array}{c} 3 \\ \swarrow \quad \searrow \\ \frac{10}{10} \quad \frac{10}{10} \quad \frac{10}{10} \end{array} \quad \begin{array}{c} \frac{40}{100} \\ \swarrow \\ \frac{4}{10} \end{array} = 34 \text{ tenths.}$$

There are 34 tenths in  $3 \frac{40}{100}$ .

Look on Mr. B's webpage Tuesday  
for answer key. Check over your  
work. Email any questions.

