

Name: \_\_\_\_\_

## Unit 7 Math Test Review

1.) Mark drank  $\frac{1}{5}$  of a class of orange juice and then gave the rest to his little brother. Which fraction represents the fraction of orange juice that Mark drank?  
(hint: look for an equivalent fraction!)

A.)  $\frac{4}{5}$

B.)  $\frac{1}{3}$

C.)  $\frac{2}{10}$

D.)  $\frac{5}{10}$

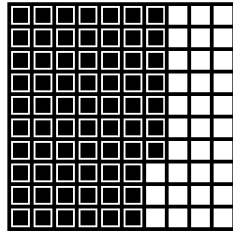
2.) Choose the sum of fractions that represents the model

A.)  $\frac{3}{10} + \frac{5}{100}$

B.)  $\frac{6}{10} + \frac{70}{100}$

C.)  $\frac{6}{10} + \frac{7}{100}$

D.)  $\frac{7}{10} + \frac{6}{100}$



(Hint: Write the fraction represented by the model, then solve each A-D equation. Remember to get the denominators the same! Zero trick!)

3.) Maggie had 12 balloons. She accidentally popped 8 of them! What fraction of the balloons did Maggie pop?

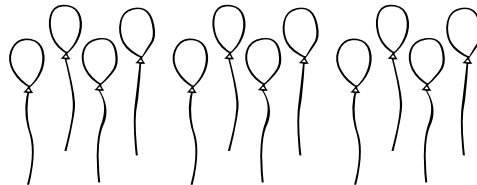
(Hint: Find the equivalent fraction by simplifying!)

A.)  $\frac{2}{3}$

B.)  $\frac{1}{6}$

C.)  $\frac{1}{2}$

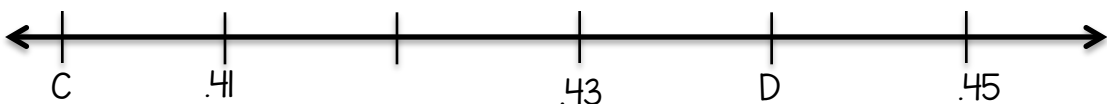
D.)  $\frac{3}{4}$



4.) Cameron, Lisa and Lonny measured bugs for a science project. Cameron's bug was 87 hundredths of an inch, Lisa's bug was 4 tenths of an inch and Lonny's bug was 0.9 of an inch long. Order the students and their bugs in order from longest to shortest.

(Hint: Make an organized list- write out each person with their bug measurements first, then order)

5.) What fraction and decimal is equivalent to point C and D on the number line?



Name: \_\_\_\_\_

Write each number as a decimal:

6.) 9 hundredths

7.)  $\frac{5}{10}$

8.)  $4\frac{7}{10}$

9.) four tenths

Write each decimal as a fraction

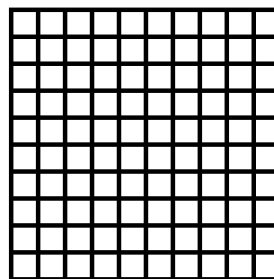
10.) .4

11.) 4.82

12.) .01

13.) A flower grew  $\frac{4}{10}$  of an inch in 2 weeks and  $\frac{34}{100}$  of an inch in one week later. Write and solve an equation to find the total amount the flower grew.

14.) Sam has 4 dimes and 13 pennies. What fraction and decimal represents the total amount of money she has. Shade in the model to represent her total.



Compare the following using  $<$ ,  $>$  or  $=$

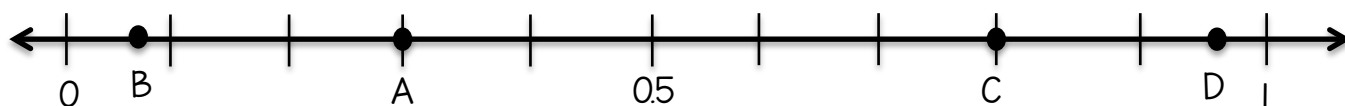
15.) .45  .4

16.) 3.2  3.12

17.)  $\frac{4}{5}$    $\frac{4}{6}$

18.) 2  .20

19.) Which letter represents  $\frac{8}{100}$  on the number line?



(Hint: Write the fraction out as a decimal and finish filling out the number line)

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C.)  $\frac{2}{10}$

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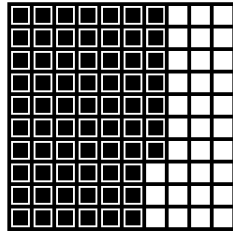
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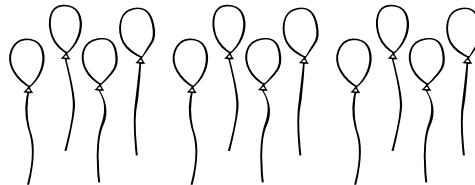
(Hint: Find the equivalent fraction by simplifying!)

A.)  $\frac{2}{3}$

B.)  $\frac{1}{6}$

C.)  $\frac{1}{2}$

D.)  $\frac{3}{4}$



4.) Cameron, Lisa and Lonny measured bugs for a science project. Cameron's bug was 87 hundredths of an inch, Lisa's bug was 4 tenths of an inch and Lonny's bug was 0.9 of an inch long. Order the students and their bugs in order from longest to shortest.

Lonny 0.9, Cameron .87, Lisa .4

(Hint: Make an organized list- write out each person with their bug measurements first, then order)

5.) What fraction and decimal is equivalent to point C and D on the number line?



.4 &  $\frac{4}{10}$   
or .40 &  $\frac{40}{100}$

.44 &  $\frac{44}{100}$

Name: \_\_\_\_\_

Write each number as a decimal:

6.) 9 hundredths  $.09$

7.)  $\frac{5}{10}$   $.5$

8.)  $4\frac{7}{10}$   $4.7$

9.) four tenths  $.4$

Write each decimal as a fraction

10.)  $.4$   $\frac{4}{10}$

11.)  $4.82$   $4\frac{82}{100}$

12.)  $.01$   $\frac{1}{100}$

13.) A flower grew  $\frac{4}{10}$  of an inch in 2 weeks and  $\frac{34}{100}$  of an inch in one week later. Write and solve an equation to find the total amount the flower grew.

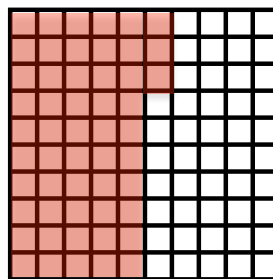
$$\frac{40}{100} + \frac{34}{100} = \frac{74}{100}$$

14.) Sam has 4 dimes and 13 pennies. What fraction and decimal represents the total amount of money she has. Shade in the model to represent her total.

4 dimes =  $\frac{4}{10}$  or  $.4$

13 pennies =  $\frac{13}{100}$  or  $.13$

Total =  $\frac{53}{100}$  or  $.53$



Compare the following using  $<$ ,  $>$  or  $=$

15.)  $.45$   $>$   $.4$

16.)  $3.2$   $>$   $3.12$

17.)  $\frac{4}{5}$   $>$   $\frac{4}{6}$

18.)  $2$   $=$   $.20$

19.) Which letter represents  $\frac{8}{100}$  on the number line?



point B

(Hint: Write the fraction out as a decimal and finish filling out the number line.)