

Name: _____

Date: _____

Unit 7 Review #2

- 1) At the Cellcom 5K, the first three runners to finish the race receive medals. Place the runners in order with the quickest time getting first place.

Runner with Their Times (in minutes)		Order Runners Finished
Mrs. Moran	27.19	1 st Place: _____
Mrs. Geiser	27.31	2 nd Place: _____
Valerie	23.21	3 rd Place: _____

Draw a number line to identify (show) where each runner finished. This will justify (prove) your answer listed above.

- 2) Corey was shopping at a grocery store for hamburger to grill up. In the meat case, he chose three packages weighing 1.4, 1.04 and 1.40 pounds.

Convert the hamburger weights to their equivalent fraction.

Hamburger Weights	Fraction Equivalence
1.4	
1.04	
1.40	

Write the two packages of hamburger that are equal in weight on the line below.

Answer: _____

How do you know the two packages of hamburger are equal? Use what you know to clearly explain your answer above.

With all three packages of hamburger, how many pounds did Corey buy? Show your work.

Compare the decimals by using $<$, $>$ or $=$.

4) 7.9 ___ 7.90

5) 6.04 ___ 6.40

6) 11.87 ___ 11.85

7) 56.33 ___ 56.36

8) 1.30 ___ 1.13

9) 4.78 ___ 6.78

10) 0.7 ___ 0.54

Choose two problems to the left and justify why you chose $<$, $>$ or $=$. Use your math language, number lines or any other explanation to prove.

11) Rewrite 0.65 as a fraction. _____

12) Rewrite $\frac{68}{100}$ as a decimal. _____

13) After taking a survey on Survey Monkey, $\frac{9}{10}$ of the students thought Shadow Day was highly informative. What is the equivalent fraction with a denominator of 100?

Answer: _____