

Assignment Record Sheet

Math Core B

Full Name: _____

Week: 12/16-12/20

Unit Name: Decimal Ops

Period: 2

Date Assigned	Focus Question??	Homework (IP=in packet)		Meets Expectation (15 points)	Approaching Expectations (5 points)	Below Expectation (0 points)
Monday Dec. 16	<i>How do you decide which operation to perform when a problem involves decimals and percents?</i>	WU: None CW: Unit Test Review – Day 1 (IP) HW: None		WU: CW: HW:		
Tuesday Dec. 17	<i>How do you decide which operation to perform when a problem involves decimals and percents?</i>	WU: None CW: Unit Test Review – Day 2 (IP) HW: Study for Test		WU: CW: HW:		
Wed. Dec. 18	<i>How do you decide which operation to perform when a problem involves decimals and percents?</i>	WU: None CW: Unit Test – Day 1 HW: None		WU: CW: HW:		
Thursday Dec. 19	<i>How do you decide which operation to perform when a problem involves decimals and percents?</i>	WU: None CW: Unit Test – Day 2 HW: None		WU: CW: HW:		
Friday Dec. 20	<i>How do you decide which operation to perform when a problem involves decimals and percents?</i>	WU: None CW: Trimester 2 Assessment HW: None Turn in your packet		WU: CW: HW:		

Total Homework Score for the Week: _____/75

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Daily Materials Score _____/25

Unit Test Review

1. Solve the following computations. Show your work.

a. $11.46 + 33.916$

b. $7.29 - 3.112$

c. 12.3×4.2

d. $36.8 \div 0.8$

2. Paul took a trip in May. He paid \$3.50 per gallon of gasoline while on the trip. He filled his van four times over the trip. The amounts he bought were: 15.061 gallons, 15.824 gallons, 14.804 gallons, and 14.931 gallons.

a. How much gasoline did he buy on the trip? Explain your reasoning.

b. What was his total cost for gasoline on the trip? Explain your reasoning.

c. His odometer (which measures distance traveled) read 23,461.1 miles when he pulled out of his driveway and 24,819.4 miles when he returned. How many miles did he travel on the trip? Explain.

Unit Test Review (continued)

3. A toy store offers an additional 25% discount on board games that have already been reduced by 30%. Will the final cost be the same as a discount of 55% on the original price? Use an example with an original cost of your choice to help explain your answer.
4. The total bill for drinks and a pizza for three people is \$14.90 before tax.
- The sales tax is 5%. What will be the amount of sales tax added to the bill? Show your work.
 - The group wants to leave a 15% tip on the cost of the food, not including tax. What will be the amount of the tip? Show your work.
 - How much should each person pay if they are to share the bill equally? Show your work.

Unit Test Review (continued)

5. Suppose that your mom gives you \$20 to go to the school supplies store. There is a 6% sales tax on supplies. You need to buy the following items:

Item	Cost
pencils	\$1.29
notebook binder	\$5.99
paper	\$3.49
highlighter pens	\$2.35

- a. How much will the supplies cost? Show your work.
- b. Your favorite lunch costs \$5.39. Will you have enough money left to buy the lunch? Explain.
6. Ms. Sze is grading math tests. A student's work on a problem is given below:
- $$0.23 \times 2.07 = 0.04761$$
- Is the student correct? Explain.

Name

clw

Date

12/16-12/17

Class

Per. 2

Decimal Ops

Unit Test Review (continued)

7. The weight of an object is affected by gravity. Something that weighs 1 pound on Earth will weigh 1.08 times that weight (or 1.08 pounds) on Saturn.

a. If a rock weighs 3 pounds on Earth, what will it weigh on Saturn?

b. If a rock weighs 3.24 pounds on Saturn, what will it weigh on Earth?