

Name: _____ Date: _____

SOL 4.8b,d Graded Assignment

Directions: Solve for each of the problems.

1. Which of the following objects would have a mass closest to 5 grams?

a.



b.



c.



d.



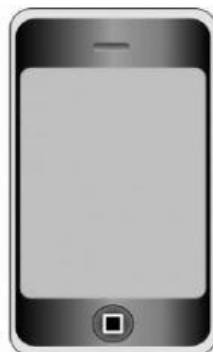
2. The weight of a cell phone would be measured in _____.

a. kilograms

b. ounces

c. pounds

d. tons



3. Which item has a mass closest to 2 kilograms?

a. a kitten

b. a book

c. a car

d. a sheet of paper

4. Sort the following items according to the most appropriate unit to use when measuring mass of the item. (One side will have a spot left)

Cell Phone
Dime
Plastic fork
Racecar
Lemon
Gallon of Milk
Baby

Grams	Kilograms

Name: _____

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5 & 6. Determine the equivalent measurement for each problem using the given equivalents:

16 ounces	=	1 pound
1,000 grams	=	1 kilogram

5. 64 ounces = _____ Pounds

6. 7,000 grams = _____ Kilograms

7. Mrs. Taylor's baby was born weighing 7 pounds and 4 ounces. If 16 ounces = 1 pound, what is the total number of ounces Mrs. Taylor's baby weighed?

a. 11 ounces	b. 108 ounces
c. 88 ounces	d. 116 ounces

8. If 1,000 grams = 1 kilogram, determine the equivalent measurement.

_____ kilograms = 47 grams

a. 0.047	b. 0.47
c. 4.7	d. 4,700

9. If 16 ounces = 1 pound, determine the equivalent measurement to 3,200 ounces.

a. 200 pounds	b. 51,200 pounds
c. 200 grams	d. 51,200 kilograms

10. Which is closest to the mass of tomatoes in grams?

- a. 650 grams
- b. 700 grams
- c. 750 grams
- d. 800 grams

