

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

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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

