

## Grade 4th Math Worksheet 1: Measurement of Weight-Conversions and Operations ( Intermediate Level )

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

Date: \_\_\_\_\_

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### Part 1: Conversion of Units of Weight

1. Convert the following weights:

- a) 15 kilograms (kg) = \_\_\_\_\_ grams (g)
  - b) 720 grams (g) = \_\_\_\_\_ kilograms (kg)
  - c) 3,000 milligrams (mg) = \_\_\_\_\_ grams (g)
  - d) 4.5 kilograms (kg) = \_\_\_\_\_ grams (g)
  - e) 850 grams (g) = \_\_\_\_\_ kilograms (kg)
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### Part 2: Addition and Subtraction of Weights

2. Solve the following:

- a) Add: 3.2 kg (flour) + 4.6 kg (sugar) = \_\_\_\_\_ kg
  - b) Subtract: 9.8 kg (watermelon) - 2.3 kg (eaten) = \_\_\_\_\_ kg
  - c) Add: 1.1 kg (rice) + 700 g (beans) + 1.6 kg (lentils) = \_\_\_\_\_ grams or \_\_\_\_\_ kilograms
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### Part 3: Multiplication and Division with Weights

3. Solve the following:

a) Multiply:  $500 \text{ g (carrots)} \times 6 = \underline{\hspace{2cm}} \text{ g}$  or  $\underline{\hspace{2cm}} \text{ kg}$

b) Divide:  $6.4 \text{ kg (flour)} \div 8 = \underline{\hspace{2cm}} \text{ kg}$  or  $\underline{\hspace{2cm}} \text{ g}$

c) Multiply:  $2.3 \text{ kg (apples)} \times 4 = \underline{\hspace{2cm}} \text{ kg}$  or  $\underline{\hspace{2cm}} \text{ grams}$

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## Part 4: Word Problems on Weight

4. Answer the following questions:

a) You have 7.5 kilograms of rice. How many grams is that?  
 $\underline{\hspace{2cm}}$  grams

b) A carton of milk weighs 2.8 kilograms. If you want to buy 6 cartons, what is the total weight in kilograms and grams?  
 $\underline{\hspace{2cm}}$  kg  
 $\underline{\hspace{2cm}}$  g

c) You have 3 kilograms of sugar. You need 1.2 kilograms for a recipe. How much sugar will you have left after using 1.2 kilograms?  
 $\underline{\hspace{2cm}}$  kilograms

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## Part 5: Real-Life Applications with Weight

5. Answer the following questions:

a) Your luggage weighs 13.7 kilograms. You buy a new sweater that weighs 950 grams. What will your luggage weigh now in kilograms and grams?  
 $\underline{\hspace{2cm}}$  kg  
 $\underline{\hspace{2cm}}$  g

b) You are organizing fruit baskets. You have 2.5 kilograms of apples and 1.8 kilograms of bananas. How much fruit do you have in total?  
 $\underline{\hspace{2cm}}$  kg or  $\underline{\hspace{2cm}}$  g

c) You are baking a cake. The recipe calls for 350 grams of butter. You already have 2 kilograms of butter. How much butter will you have left after using 350 grams for the cake?

\_\_\_\_\_ grams

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### **Bonus Question:**

6. A chocolate bar weighs 200 grams. How many chocolate bars will you have if you have a total of 1.5 kilograms of chocolate?

\_\_\_\_\_ bars

--BE THE CHAMPION!--