

## Grade 4th Math Worksheet 2: Measurement of Weight-Conversions and Operations (Intermediate Level)

Name: Date:
Part 1: Conversion of Units of Weight
Convert the following weights:
a) 12 kilograms (kg) = grams (g)
b) 950 grams (g) = kilograms (kg)
c) 4000 milligrams (mg) = grams (g)
d) 2.3 kilograms (kg) = grams (g)
e) 120 grams (g) = kilograms (kg)
Part 2: Addition and Subtraction of Weights
2. Solve the following:
a) Add: 5.4 kg (apples) + 3.6 kg (oranges) = kg
b) Subtract: 10.3 kg (watermelon) - 4.9 kg (eaten) = kg
c) Add: 800 g (flour) + 1.2 kg (sugar) + 300 g (butter) = grams or kilograms

## **Part 3: Multiplication and Division with Weights**

3. Solve the following:
a) Multiply: 750 g (cheese) × 4 = g or kg
b) Divide: 9.6 kg (flour) ÷ 6 = kg or g
c) Multiply: 1.5 kg (chicken) × 3 = kg or grams
Part 4: Word Problems on Weight
4. Answer the following questions:
a) You have 8.5 kilograms of rice. How many grams is that?
grams
b) A carton of milk weighs 1.8 kilograms. You want to buy 4 cartons. What is the
total weight in kilograms and grams?
kg
g
c) You have 2 kilograms of sugar. You need 500 grams for a recipe. How much
sugar will you have left after using the 500 grams?
grams
Part 5: Real-Life Applications with Weight
5. Answer the following questions:
a) Your luggage weighs 11.3 kilograms. You buy a new sweater that weighs 850
grams. What will your luggage weigh now in kilograms and grams?
kg
g
b) You are organizing a charity event. You have 4.5 kilograms of apples and 2.7
kilograms of bananas. How much fruit do you have in total?
kg or g

c) You are baking cookies. The recipe calls for 200 grams of chocolate chips. You
already have 1.5 kilograms of chocolate chips. How much chocolate chips will
you have left after using 200 grams for the cookies?
grams
Bonus Question:
Bonus Question:  6. A pack of biscuits weighs 350 grams. How many packs will you need to buy if
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