

Grade: 5

Category: Measurement

Sub Category- Convert weights

Worksheet #: 24 Q

Complete the table by converting the units of weight.

$$1 \text{ kg} = 1,000 \text{ g} = 100,000 \text{ cg} = 1,000,000 \text{ mg}$$

kg		0.375				
g	400				210	
cg			5,300			7000
mg				88000		

Answer the word problems.

1) A recipe requires 400 g of flour. How much is this in milligrams?

\_\_\_\_\_

2) Laura's laptop weighs 2.1 kg. What is the weight in grams? \_\_\_\_\_

3) The mass of the fruit basket is 6.75 kg. What is the mass in milligrams?

\_\_\_\_\_

4) A dog has a mass of 48 kg. What is the mass of 3 similar dogs in centigrams? \_\_\_\_\_

5) Wendy bought tomatoes with a weight of 3,770 g and potatoes with a weight of 5,000 g. What is the total weight in kilograms? \_\_\_\_\_

Grade: 5

Category: Measurement Sub Category- Convert weights

Worksheet #: 24 A

Complete the table by converting the units of weight.

$$1 \text{ kg} = 1,000 \text{ g} = 100,000 \text{ cg} = 1,000,000 \text{ mg}$$

kg	<b>0.4</b>	0.375	<b>0.053</b>	<b>0.088</b>	<b>0.21</b>	<b>0.07</b>
g	400	<b>375</b>	<b>53</b>	<b>88</b>	210	<b>70</b>
cg	<b>40000</b>	<b>37500</b>	5,300	<b>8800</b>	<b>21000</b>	7000
mg	<b>400000</b>	<b>375000</b>	<b>53000</b>	88000	<b>210000</b>	<b>70000</b>

Answer the word problems.

1) A recipe requires 400 g of flour. How much is this in milligrams?

\_\_\_\_400000 mg\_\_\_\_

2) Laura's laptop weighs 2.1 kg. What is the weight in grams? \_\_\_\_2100

g\_\_\_\_

3) The mass of the fruit basket is 6.75 kg. What is the mass in milligrams?

\_\_\_\_6750000 mg\_\_\_\_

4) A dog has a mass of 48 kg. What is the mass of the dog in centigrams?

\_\_\_\_4,800,000 cg\_\_\_\_

5) Wendy bought tomatoes with a weight of 3,770 g and potatoes with a

weight of 5,000 g. What is the total weight in kilograms? \_\_\_\_8.77 kg\_\_\_\_