

Name _____

Date _____

Identifying Equivalent Measurements: Metric System

Grams and Kilograms

In this worksheet, we will practice identifying equivalent measurements between units in the metric system. Specifically, we will be working with grams and kilograms. As you solve the problems below, remember 1 kilogram is equal to 1000 grams.

For example, 2 kilograms = _____ grams

2 kilograms x **1000** (grams in a kilogram) = **2000** grams

Exercise Questions:

1. 25,000 grams = _____ kilograms

2. 5 kilograms = _____ grams

3. 7,000 grams = _____ kilograms

4. Milo's bicycle weighs 12 kilograms. How many grams does it weigh?

_____ grams

5. Sienna's cat weighs 4000 grams. Her cat's carrier crate weighs 2000 grams. How much would the crate weigh if the cat was inside?

Total weight = _____ kilograms



Answer Key

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Grams and Kilograms

In this worksheet, we will practice identifying equivalent measurements between units in the metric system. Specifically, we will be working with grams and kilograms. As you solve the problems below, remember 1 kilogram is equal to 1000 grams.

For example, 2 kilograms = _____ grams

2 kilograms x **1000** (grams in a kilogram) = **2000** grams

Exercise Questions:

1. 25,000 grams = 25 kilograms

2. 5 kilograms = 5,000 grams

3. 7,000 grams = 7 kilograms

4. Milo's bicycle weighs 12 kilograms. How many grams does it weigh?

12,000 grams

5. Sienna's cat weighs 4000 grams. Her cat's carrier crate weighs 2000 grams. How much would the crate weigh if the cat was inside?

Total weight = 6 kilograms