

Study the following.

The following are units of weight for the metric system.

milligram (**mil**-i-gram) – a milligram is a very, very small weight, used when talking about vitamins. (I took a 500 milligram tablet of Vitamin C.)

gram (**gram**) – a small paperclip weighs about a gram

kilogram (**kil**-uh-gram) – a school book weighs about a kilogram.

Say each word out loud and write it in the blank.

milligram _____

gram _____

kilogram _____

Write each definition in your own words.

milligram

gram

kilogram

Write one sentence using each word.

milligram

1.

gram

1.

kilogram

1.

Matching.

- milligram the weight of a small paperclip.
gram The weight of a hard back school book
kilogram A very, very small weight.

Study the following.

- 1 gram = 1000 milligrams
1 kilogram = 1000 grams

Matching

- 1 gram 1000 grams
1 kilogram 1000 grams

Study the following abbreviations.

- milligram (mg)
gram (g)
kilogram (kg)

Write the following numbers with the abbreviations for the units.

1. 50 milligram _____
2. 100 grams _____
3. 3 kilograms _____

Fill in the blanks with the correct number, and use the abbreviation for each unit.

1. 1 gram = _____
2. 1 kilogram = _____

**Get a food scale or a mail scale that will measure things in grams.
Find 5 things that weigh about a gram.**

- 1.
- 2.
- 3.
- 4.
- 5.

If you can find a scale that weighs kilograms, find 5 things that weigh about a kilogram.

- 1.
- 2.
- 3.
- 4.
- 5.

Find 5 items and weigh them in grams.

	Item	Weight in grams
1.		
2.		
3.		
4.		
5.		

Find 5 items and weigh them in kilograms.

	Item	Weight in kilograms
1.		
2.		
3.		
4.		
5.		

**Now before you measure, take a guess of the weight. Write it down.
Then find the weight and write it down.**

Guess and weigh 5 items in grams.

	Item	guess	Weight in grams
1.			
2.			
3.			
4.			
5.			

Guess and weigh 5 items in kilograms.

	item	guess	Weight in kilograms
1.			
2.			
3.			
4.			
5.			

Review. Fill in the blanks.

1. 1 gram = _____
2. 1kilogram = _____
3. The abbreviation for milligrams is _____.
4. The abbreviation for grams is _____.
5. The abbreviation for kilograms is _____.