

11 Measurements 1

Don't know the difference between an ounce and a gram? This chart will help you figure it out!

Conversion Chart

Measurements of Volume
 1 fluid ounce = 29.57 milliliters
 1 gallon = 3.79 liters

Measurements of Weight
 1 ounce = 28.35 grams
 1 pound = 0.45 kilograms

Measurements of Temperature
 Use the following formula to convert Fahrenheit (°F) to Celsius (°C): $^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 5/9$

To convert a measurement from imperial units to the metric system, just multiply.
 5 fluid ounces to milliliters: $5 \times 29.57 = 147.85$ milliliters.

To convert a measurement from metric units to imperial units, just divide.
 12 kilograms to pounds: $12 \div 0.45 = 26.67$ pounds

IMPERIAL UNITS 1 pound = 0.453 kilos

IMPERIAL UNITS
 pounds: 0 2 4 6 8 10 20
 kilograms: 0 1 2 3 4 5 10

METRIC UNITS 1 kilo = 2.205 pounds

Temperature
 Celsius Fahrenheit

Weight
 1 Kgr
 kilogram

Get ready!

1 Before you read the passage, talk about these questions.

- 1 What are some common units of measurement in your country?
- 2 Why might someone prefer the metric system instead of the imperial system?

Reading

2 Read the conversion chart. Then, mark the following statements as true (T) or false (F).

- 1 ___ A fluid ounce is larger than a milliliter.
- 2 ___ Less than five liters are in a gallon.
- 3 ___ To change a measurement from metric to imperial, you have to multiply.

Vocabulary

3 Match the words (1-6) with the definitions (A-F).

- | | |
|---------------|------------------|
| 1 ___ gallon | 4 ___ milliliter |
| 2 ___ pound | 5 ___ kilogram |
| 3 ___ Celsius | 6 ___ Fahrenheit |

- A a metric unit of weight
- B an imperial unit of volume
- C based on boiling at 212 degrees
- D an imperial unit of weight
- E based on boiling at 100 degrees
- F a metric unit of volume

4 Read the sentence pairs. Choose which word or phrase best fits each blank.

1 ounces / fluid ounces

- A Use a measuring cup to measure _____.
B Use a scale to measure _____.

2 liter / gram

- A A _____ is a smaller amount than a gallon.
B A _____ weighs less than a pound.

3 imperial / metric

- A The _____ system uses the gallon.
B The _____ system uses the kilogram.

5 Listen and read the conversion chart again. How are fluid ounces converted into milliliters?

Listening

6 Listen to a conversation between a two chefs. Choose the correct answers.

1 What is the main idea of the conversation?

- A whether to use metric or imperial measurements
B the proper way to read a conversion chart
C which measurement unit is most appropriate
D how to determine the right number of milliliters

2 Which unit appears in the recipe?

- A liter C ounce
B milliliter D fluid ounce

7 Listen again and complete the conversation.

Chef 1: Hey, Frank. Are you familiar with 1 _____?

Chef 2: A little. Why 2 _____?

Chef 1: This recipe calls for two 3 _____ of oil. My measuring cup only shows milliliters.

Chef 2: Hmm. I think I have a 4 _____ around here somewhere.

Chef 1: That would help. I 5 _____ how many milliliters are in a fluid ounce.

Chef 2: Here it is. Let's see, it says one fluid ounce is 29.57 6 _____.

Speaking

8 With a partner, act out the roles below based on Task 7. Then, switch roles.

USE LANGUAGE SUCH AS:

Are you familiar with ...?
I always forget how many ...
I think I have ...

Student A: You are a chef. Talk to Student B about:

- the units in a recipe
- the units you can measure
- converting units

Student B: You are a chef. Talk to Student A about converting units.

Writing

9 Use the conversion chart and the conversation from Task 8 to fill out the conversion notes.



Conversion Notes

There are _____ in a _____.

There are _____ in a _____.

There are _____ in an _____.