

## METRIC SYSTEM

### Relation between Spanish system and English system

First remmember Spanish System:

-For Length: We have

Kilometer (Km)-hectometer(Hm)-decameter(Dam)-meter(m)-decimeter(dm)-centimeter(cm)-millimeter(mm)

-For Mass: We use

Kilogram(Kg)- hectogram(Hg)- decagram(Dag)- gram(g)- decigram(dg)-centigram(cg) –milligram(mg)

-For Capacity/Volume: We use

Kiloliter(Kl) –hectolitre(Hl) –decaliter(Dal)- liter(l)- deciliter(dl) –centiliter(cl)-milliliter(ml)

And now the English System:

METRIC CONVERSIONS			
1 centimeter	=	10 millimeters	1 cm = 10 mm
1 meter	=	100 centimeters	1 m = 100 cm
1 kilometer	=	1000 meters	1 km = 1000 m

STANDARD CONVERSIONS			
1 foot	=	12 inches	1 ft = 12 in
1 yard	=	3 feet	1 yd = 3 ft
1 yard	=	36 inches	1 yd = 36 in
1 mile	=	1760 yards	1 mi = 1760 yd

METRIC -> STANDARD CONVERSIONS			
1 millimeter	=	0.03937 inches	1 mm = 0.03937 in
1 centimeter	=	0.39370 inches	1 cm = 0.39370 in
1 meter	=	39.37008 inches	1 m = 39.37008 in
1 meter	=	3.28084 feet	1 m = 3.28084 ft
1 meter	=	1.09361 yards	1 m = 1.09361 yd
1 kilometer	=	1093.6133 yards	1 km = 1093.6133 yd
1 kilometer	=	0.62137 miles	1 km = 0.62137 mi

STANDARD -> METRIC CONVERSIONS			
1 inch	=	2.54 centimeters	1 in = 2.54 cm
1 foot	=	30.48 centimeters	1 ft = 30.48 cm
1 yard	=	91.44 centimeters	1 yd = 91.44 cm
1 yard	=	0.9144 meters	1 yd = 0.9144 m
1 mile	=	1609.344 meters	1 mi = 1609.344 m
1 mile	=	1.609344 kilometers	1 mi = 1.609344 km

How does the metric system compare to the American system? Below are a few common American measurements with their corresponding metric system counterpart.

Chloe  
petra  
alumnos  
1-1-20

### American/English System

1 inch  
1 foot  
1 yard  
1 mile  
1 ounce  
1 pound  
1 cup  
1 pint  
1 quart  
1 gallon

### Metric System

0.0254 meter  
0.0348 meter  
0.9144 meter  
1609.347218694 meters  
28.349523125 grams  
453.59237 grams  
0.236588236 liter  
0.473176473 liter  
0.946352946 liter  
3.785411784 liters

As this quiz is an introduction to the metric system, the questions below will test to see if you understand how the metric system works and whether you are comfortable with the metric vocabulary. Once you understand and become familiar and comfortable with the vocabulary used in measuring length, mass/weight and volume, you will be able to move forward to other quizzes on the metric system. So, take a look at each question below and see if you can find the correct answer.



<p>1. The volume of liquids are measured in _____ in the metric system?</p> <p><input type="checkbox"/> grams</p> <p><input type="checkbox"/> Celsius</p> <p><input type="checkbox"/> meters</p> <p><input type="checkbox"/> liters</p>	<p>2. Which word below is NOT a part of the metric system?</p> <p><input type="checkbox"/> decaliber</p> <p><input type="checkbox"/> quadrimeter</p> <p><input type="checkbox"/> milligram</p> <p><input type="checkbox"/> centimeter</p>
<p>3. This is a set of standardized units of measurement based on the number 10.</p> <p><input type="checkbox"/> American system</p> <p><input type="checkbox"/> Universal system</p> <p><input type="checkbox"/> Metric system</p> <p><input type="checkbox"/> English system</p>	<p>4. 1 pound is equal to _____ grams.</p> <p><input type="checkbox"/> 453.59237</p> <p><input type="checkbox"/> 353.59237</p> <p><input type="checkbox"/> 253.59237</p> <p><input type="checkbox"/> 153.59237</p>
<p>5. The length of a football field is measured in _____ in the metric system?</p> <p><input type="checkbox"/> liters</p> <p><input type="checkbox"/> yards</p> <p><input type="checkbox"/> meters</p> <p><input type="checkbox"/> grams</p>	<p>6. Which order of letters below is the correct order of the metric system's category of measurements?</p> <p><input type="checkbox"/> KHCUDUMD</p> <p><input type="checkbox"/> KHDUDCM</p> <p><input type="checkbox"/> KDUCMDH</p> <p><input type="checkbox"/> KCUDHMD</p>
<p>7. 1 mile equals _____ meters.</p> <p><input type="checkbox"/> 1609.647218694</p> <p><input type="checkbox"/> 1609.547218694</p> <p><input type="checkbox"/> 1609.447218694</p> <p><input type="checkbox"/> 1609.347218694</p>	<p>8. Which profession below does NOT use the metric system?</p> <p><input type="checkbox"/> Doctors</p> <p><input type="checkbox"/> Lawyers</p> <p><input type="checkbox"/> Scientists</p> <p><input type="checkbox"/> Astronauts</p>
<p>9. The weight of a can is measured in _____ in the metric system?</p> <p><input type="checkbox"/> grams</p> <p><input type="checkbox"/> liters</p> <p><input type="checkbox"/> bundles</p> <p><input type="checkbox"/> meters</p>	<p>10. 1 gallon equals _____ liters.</p> <p><input type="checkbox"/> 1.785411784</p> <p><input type="checkbox"/> 2.785411784</p> <p><input type="checkbox"/> 3.785411784</p> <p><input type="checkbox"/> 4.785411784</p>

1. The volume of liquids are measured in \_\_\_\_\_ in the metric system?

- ☐ grams  
☐ Celsius  
☐ meters  
☒ liters

In the metric system, volume, such as liquids, are measured in liters. Answer (d) is the correct answer

3. This is a set of standardized units of measurement based on the number 10.

- ☐ American system  
☐ Universal system  
☒ Metric system  
☐ English system

The metric system is a set of standardized units of measurement based on the number 10. Answer (c) is the correct answer

5. The length of a football field is measured in \_\_\_\_\_ in the metric system?

- ☐ liters  
☐ yards  
☒ meters  
☐ grams

In the metric system, length and distances are measured in meters. Answer (c) is the correct answer

7. 1 mile equals \_\_\_\_\_ meters.

- ☐ 1609.647218694  
☐ 1609.547218694  
☐ 1609.447218694  
☒ 1609.347218694

1 mile equals 1609.347218694 meters. Answer (d) is the correct answer

9. The weight of a can is measured in \_\_\_\_\_ in the metric system?

- ☒ grams  
☐ liters  
☐ bundles  
☐ meters

When measuring the weight or mass of an object in the metric system it is measured in grams. Answer (a) is the correct answer

2. Which word below is NOT a part of the metric system?

- ☐ decaliter  
☒ quadrameter  
☐ milligram  
☐ centimeter

Although the word quadrameter sounds like it could be related to the metric system, it is actually to do with poetry!

4. 1 pound is equal to \_\_\_\_\_ grams.

- ☒ 453.59237  
☐ 353.59237  
☐ 253.59237  
☐ 153.59237

1 pound is equal to 453.59237 grams. Answer (a) is the correct answer

6. Which order of letters below is the correct order of the metric system's category of measurements?

- ☐ KHCUDMD  
☒ KHDUDCM  
☐ KDUCMDH  
☐ KCUDHMD

Remember the silly phrase of "King Henry Doesn't Usually Drink Chocolate Milk." This tells us the order is KHDUDCM so Answer (b) is the correct answer

8. Which profession below does NOT use the metric system?

- ☐ Doctors  
☒ Lawyers  
☐ Scientists  
☐ Astronauts

Doctors, scientists and astronauts all use the metric system. Only lawyers do not use the metric system. Answer (b) is the correct answer

10. 1 gallon equals \_\_\_\_\_ liters.

- ☐ 1.785411784  
☐ 2.785411784  
☒ 3.785411784  
☐ 4.785411784

1 gallon equals 3.785411784 liters. Answer (c) is the correct answer