

## 1. A table with UNITS OF MEASURE

NAME OF UNIT	ABBREVIATION	QUANTITY
1. ampere or amp	A	electric current
2.	cd	luminous intensity
3. kelvin	K	
4.	kg	
5.	m	length (S)
6. second	s	
7.	rad	plane angle
8. gray	G (J/kg)	
9.	H	inductance
10. newton		
11. joule (julio)	J (N.M)	
12. pascal	Pa	pressure
13. watt		
14. Squire meter		
15. cubic meter		
16.		density
17. meter per second		
18.	l	
19. curie	Ci	
20. degree Celsius	°C	
21.	°F	temperature
22. volt	V	
23. ohm		
24. hertz	Hz	
25.	mAh	
26. Megapixels		
27.		

## 2. Measuring instruments:

ohmmeter –VUmeter - Milliammeter -Voltmeter - speedometer - micrometer  
thermometer - ammeter

An ..... measures current.

A ..... measure voltage

A ..... or volume unit meter measure the power level of an audio signal

A ..... measure speed.

A ..... measures thickness with great precision.

..... measure small currents.

An ..... measures resistance.

A ..... measures temperature.

### 3. CONVERSION UNITS.

- a. How many bytes are one EXABYTE?????
- b. How many TERABYTES are in one MEGABYTE?????
- c. How many KILOGRAMS are in one POUND?????
- d. How many METERS are in one INCH?????
- e. WHICH IS SHORTER, A MILE OR A KILOMETRE?
- f. HOW MANY BRITISH GALLONS ARE IN ONE LITRE?
- g. HOW MANY AMERICAN GALLONS ARE ONE LITRE?
- h. WHICH IS LARGER, A LITRE OR A GALLON?

Example:

1 Pound = X kilograms

1 Mile = X km

1 Gallon

Find it out in:

<http://www.easyunitconverter.com/computer-unit-conversion/computer-unit-converter.aspx>

### 4. More examples of Metric Units of Measurements

- *Millimetres: A4 paper is 210 mm x 297 mm.*
- *Centimetres: The dimensions are 30 x 16 x 6 cm.*
- *Meters: This camera has a built-in microphone for up to 5 m.*
- *Grams: Each sheet of A4 paper weighs 5 g.*
- *Kilos: This package weighs 1.4 kg.*

U.S. Units of Measurements

- *Inches: Letter-size paper is 8 ½" x 11".*
- *Feet: The paper shredder measures 1 ½'W x 2 ½'H x 1'D.*
- *Note: W = width, H = height, D = depth*
- *Yards: We have a cell phone that is waterproof in depths of up to one yd.*
- *Ounces: These documents weigh 10 oz.*
- *Pounds: Our lightest portable printer weighs 2.5 lbs.*

How	long wide tall deep heavy	is it?
What is the	length width height depth weight	of it?

**5. EJERCICIO: HAZ PREGUNTAS Y RESPUESTAS SOBRE UNA MEDIDA CONCRETA.**

- 1) (this room, area):
  - a. How many square metres has this room/What is the area of this room?
  - b. This room has 6x10 square metres.
- 2) (this monitor, inches)
- 3) (overhead projector, luminous intensity)
- 4) (Hard disk, latency)
- 5) (Your internet's connection, bandwidth)
- 6) (your router, speed)