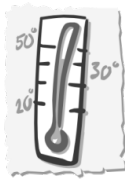


Metric vs. U.S. American Measurements

Many international students get confused with U.S. American measurement systems. The following are conversion formulas and tables that will help you make easy conversions from the metric system to the U.S. American measurement system, and vice versa.



Temperature

To get the Celsius ($^{\circ}\text{C}$) temperature, you need to do the following calculations on the Fahrenheit ($^{\circ}\text{F}$) temperature:

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times (5 / 9)$$

For example: $86^{\circ}\text{F} = (86 - 32) \times (5 / 9) = 30^{\circ}\text{C}$.

To get the Fahrenheit ($^{\circ}\text{F}$) temperature, you need to do the following calculations on the Celsius ($^{\circ}\text{C}$) temperature: $^{\circ}\text{F} = (^{\circ}\text{C} \times 9 / 5) + 32$

$^{\circ}\text{Celsius}$	$^{\circ}\text{Fahrenheit}$
40	104
30	86
20	68
10	50
5	41
0	32
-15	5
-18	0



Weight

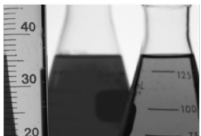
To calculate the weight of something in kilograms (kg), you need to do the following calculations on the weight in pounds (lb.): $\text{Kg} = (\text{lb.}) \times (5 / 11)$

11)

For example: $154 \text{ lb.} = (154) \times (5 / 11) = 70 \text{ kg}$.

To calculate the weight of something in pounds (lb.), you need to do the following calculations on the weight in kilograms (kg): $\text{Lb.} = (\text{kg}) \times (11 / 5)$

Metric	U.S.
1 gram (gm.)	0.04 ounces (oz.)
1/2 kg	1.1 lb.
1 kg	2.2 lb.
0.56 kg.	1 lb.
29 gm.	1 oz.



Liquid

Metric	U.S.
1 liter	1.06 quart
0.94 liter	1 quart
3.79 liter	1 gallon



Length

Metric	U.S.
1 cm.	0.4 inch (in.)
1 meter	39 in.
1 km.	0.62 mile
2.54 cm	1 in.
91.4 cm	1 yard (yd.)
1,609.3 meters	1 mile
30.48 cm	1 foot

Clothing Size Conversions

Women's Dresses, Coats, and Skirts						Sweaters and Blouses				
American	6	8	10	12	14		10	12	14	16
European	36/38	38/40	40/42	42/44	44/46		38	40	42	44
British	8	10	12	14	16		32	34	36	38

Women's Shoes							
American	4	5	6	7	8	9	10
European	35	36	37	38	39	40	41
British	2.5	3.5	4.5	5.5	6.5	7.5	8.5

Men's Suits, Overcoats, and Sweaters									
American and British		34	36	38	40	42	44	46	48
European		44	46	48	50	52	54	56	58

Men's Shirts (this neck size plus sleeve size, 32-36)									
American and British		14.5	15	15.5	16	16.5	17	17.5	18
European		37	38	39	41	42	43	44	45

Men's Shoes					
American	7	8	9	10	11
European	39.5	41	42	43	44.5
British	5.5	6.5	7.5	8.5	9.5

Children's Clothing			
Age	Weight (pounds)	American	European/British
3-6 months	10-16	3-6 months	60
6-12 months	14-21	9-12 months	70
12-18 months	20-28	18 months	80
18-24 months	26-33	2, 2T, 3	90
3 years	31-38	3T, 4, 4T	100
4-5 years	37-48	4, 5	110
5-6 years	45-56	5, 6, 6X	120
6-8 years	52-64	7, 8	130
8-10 years	62-80	9, 10	140
10-12 years	75-95	11, 12	150