

US system conversions		Metric-to-Metric	
length	12 inches= 1 foot 3 feet= 1 yard 5280 feet= 1 mile	length	1 meter= 1000000 micrometers 1 meter= 1000 millimeters (mm) 1 meter= 100 centimeters (cm) 1000 m= 1 kilometer (km)
time	60 sec= 1 minute 60 min= 1 hour 24 hours= 1 day 7 days= 1 week 365 days= 1 year	time (same as US system)	
(in this class, we ignore leap years)		weight	1 gram= 1000000000 nanograms (ng) 1 gram= 1000000 micrograms (mcg) 1 gram= 1000 milligrams (mg) 1000 g= 1 kilogram (kg) 1000 kg= 1 metric ton
weight	16 oz.= 1 pound(lb) 2000 lbs= 1 ton	volume	1 liter (L)= 1000 milliliters (mL) 1 liter= 1000000 microliters (mcL)
volume	16 fl.oz.= 1 pint 32 fl.oz.= 1 quart 4 quarts= 1 gallon	1 liter of water weighs 1 kilogram	
1 pint of water weighs about 1 pound		Big numbers	
		1 million= 1000000 (6 zeroes)	
		1 billion= 1000000000 (9 zeroes)	
		1 trillion= 1000000000000 (12 zeroes)	

US Conventional-to-Metric		Metric-to-US Conventional	
length	1 inch= 2.54 cm 1 foot= 30.48 cm 1 yard= 0.9144 m 1 mile= 1.609344 km	length	1 cm= 0.3937 inches 1 meter= 1.0936 yards 1 km= 0.6214 miles
weight	1 oz= 28.35 g 1 pound= 0.4536 kg 1 ton= 0.9072 metric tons	weight	1 g= 0.03527 oz 1 kg= 2.2046 pounds
volume	1 fl.oz.= 29.574 mL 1 quart= 0.946368 Liters 1 gallon= 3.785472 Liters	volume	1 Liter= 1.0567 quarts
Temp.	$C = (F - 32) * 5/9$	Temp.	$F = (C * 9/5) + 32$