

# Conversation Tables

## Length:

1 kilometer (km)=0.621 miles (mile)	1 meter (m)=3.281 feet(ft)=1.094 yards(yd)	1 centimeter (cm)=0.394 inches (in)
1 mile (mile)=1.609 kilometers (km)	1 foot (ft)=0.3048 meters (m)	1 inch (in)=2.54 centimeters(cm)
1 nautical mile (n mile)=1.852 kilometers (km)	1 yard (yd)=0.9144 meters (m)	1 foot (ft)=12 inches (in)
1 yard (yd)=3 feet (ft)	1 mile (mile)=5280 feet (ft)	1 nautical mile (n mile)=1.1516 miles (mile)

## Area:

1 square km (km <sup>2</sup> )=100 hectares (ha)=247.1 acres (acre)	1 square meter (m <sup>2</sup> )=10.764 square feet (ft <sup>2</sup> )	1 acre (acre)=100 square meters (m <sup>2</sup> )
1 hectare (ha)=10000 square meters (m <sup>2</sup> )=2.471 acres (acre)	1 square mile(mile <sup>2</sup> )=2.590 square kilometers (km <sup>2</sup> )	1 acre (acre)=0.4047 hectares (ha)=40.47*10 <sup>-3</sup> square kilometers (km <sup>2</sup> )=4047 square meters (m <sup>2</sup> )
1 square foot (ft <sup>2</sup> )=0.093 square meters(m <sup>2</sup> )	1 square inch (in <sup>2</sup> )=6.452 square centimeters (cm <sup>2</sup> )	1 square yard (yd <sup>2</sup> )=0.8361 square meters (m <sup>2</sup> )

## Volume:

1 cubic meter (m <sup>3</sup> )=1000 liters (liter)=35.315 cubic feet (ft <sup>3</sup> )=6.290 barrels (bbl)	1 cubic foot (ft <sup>3</sup> )=0.0283 cubic meters(m <sup>3</sup> )=28.317 liters (l)	1 kilo cubic feet (mcf)=28.317 cubic meters (m <sup>3</sup> )
1 million cubic feet (MMcf)=28317 cubic meters (m <sup>3</sup> )	1 billion cubic feet (bcf)=28317000 cubic meters (m <sup>3</sup> )	1 trillion cubic feet (tcf)=28.317 billion cubic meters (m <sup>3</sup> )
1 cubic inch (in <sup>3</sup> )=16.3871 cubic centimeters (cm <sup>3</sup> )	1 acre· foot=1234 cubic meters (m <sup>3</sup> )	1 barrel (bbl)=0.159 cubic meters (m <sup>3</sup> )=42 gallons (gal)
1 gallons (gal)=3.785 liters (l)	1 quart (gal)=0.946 liters (l)	1 quart (gal)=0.473 liters (l)
1 gi (gi)=0.118 liters (l)	1 gal (gal)=4.546 liters (l)	

## Power:

1 kilogram force·meter/second (kgf·m/s)=9.80665 watt (W)	1 metric horsepower (hp)=735.499 watts(W)	1 calorie/second(cal/s)=4.1868 watts(W)
1 British thermal unit/hour (Btu/h)=0.293071 watts (W)		

## Speed:

1 foot/second(ft/s)=0.3048 meter/second(m/s)	1 mile/hour(mile/h)=0.44704 meter/second(m/s)
--	---