

Query Input ✨

### **Grams and Moles**

Grams to moles

Convert [number] grams of [compound] to moles

-

Moles to grams

Convert [number] moles of [compound] to grams

### **Moles and Particles**

Molecules to moles

Convert [number] molecules of [compound] to moles

-

Moles to molecules

Convert [number] moles of [compound] to molecules

### **Moles and Liters**

Moles to liters

Convert [number] moles of [compound] to liters

-

Liters to moles

Convert [number] liters of [compound] to moles

### **Pure Unit Conversions**

mL to L

Convert [number] mL to L

-

g to kg

Convert [number] g to kg

### **Density-Based**

Volume to mass

Convert [number] mL of [compound] to grams using density [number] g/mL

-

Mass to volume

Convert [number] grams of [compound] to volume using density [number] g/mL

### **Molarity**

Molarity from [number] mol and [number] L

### **Percent Yield**

Percent yield from [number] g actual and [number] g theoretical

### **Acid-Base Titration (1:1)**

What volume of [M1] M [base] is needed to titrate [V2] mL of [M2] M [acid]

### **Polyprotic Titration**

It takes [Vt] mL of [Mt] M [titrant] solution to completely neutralize [Va] mL of [analyte] solution

### **Stoichiometric Mol to Mol**

Convert [number] moles of [A] to moles of [B] in reaction [balanced\_equation]

### **Compound to Element**

Convert [number] moles of [compound] to moles of [element]

### **Limiting Reagent & Theoretical Yield**

Limiting reagent and theoretical yield from [n1] mol of [A] and [n2] mol of [B] in reaction [balanced\_equation]

### **Miles and Kilometers**

Miles to kilometers

Convert [number] miles to kilometers

-

Kilometers to miles

Convert [number] kilometers to miles

### **Miles and Feet**

Miles to feet

Convert [number] miles to feet

-

Feet to miles

Convert [number] feet to miles

### **Volume and Cubic Meters**

Gallons to cubic meters

Convert [number] gallons to cubic meters

-

Cubic meters to gallons

Convert [number] cubic meters to gallons

## **Time Conversions**

Seconds to minutes

Convert [number] seconds to minutes

-

Minutes to seconds

Convert [number] minutes to seconds

-

Minutes to hours

Convert [number] minutes to hours

-

Hours to minutes

Convert [number] hours to minutes

-

Hours to days

Convert [number] hours to days

-

Days to hours

Convert [number] days to hour

-

Minutes/day to Hours/day

Convert [number] minutes/day to hours/day

-

Hours/day to Minutes/day

Convert [number] hours/day to minutes/day

-

Years to seconds

Convert [number] of years to seconds

-

Seconds to years

Convert [number] of seconds to years

### **More Liquid Conversions**

Gallons to liters

Convert [number] gallons to liters

-

Liters to gallons

Convert [number] liters to gallons

-

mL to drops

Convert [number] mL to drops

-

Drops to mL

Convert [number] drops to mL

-

Cubic meters to drops

Convert [number] cubic meters to drops

-

Drops to cubic meters

Convert [number] drops to cubic meters

-

Gallons/day to gallons/second

Convert [number] gallons/day to gallons/second

-

Gallons/second to gallons/day

Convert [number] gallons/second to gallons/day

### **Time Again**

Mi/hr to ft/sec

Convert [number] miles/hour to feet/seconds

-

Ft/sec to mi/hr

Convert [number] feet/seconds to miles/hour

### **Gallons and Days**

[AnyName] holds [total\_gallons] gallons of water, and [AnyName] uses [daily\_rate] gallons/day. How many days would the water last?

### **Weight Again**

Lbs. to oz

Convert [number] lbs to oz

-

Oz to lbs

Convert [number] oz to lbs

### **Distance Again**

Miles to cm

Convert [number] miles to centimeters

-

Cm to miles

Convert [number] centimeters to miles

-

Feet to kilometers

Convert [number] feet to kilometers

-

Kilometers to feet

Convert [number] kilometers to feet

### **Time Again**

Minutes to days

Convert [number] minutes to days

-

Days to minutes

Convert [number] days to minutes

### **Distance and Time**

Seconds to miles

Convert [number] seconds at [number] m/s to miles

-

Miles to seconds

Convert [number] miles at [number] m/s to seconds