

Kilo 1000 units
Hecto 100 units
Deka 10 units
Base Unit
Deci 0.1 units
Centi 0.01 units
Milli 0.001 units

To convert to a smaller unit, move decimal point to the right (or multiply) →

To convert to a larger unit, move decimal point to the left (or divide) ←

3.54×10^2

One # • Rest of the #s x 10 Exponent
(telling how many times to move the decimal, and which way to move it!)

Convert to new unit	
#1	27500 mg → g
#2	0.15 DL → mL
Convert into Std. Form	
#3	1.0×10^1
#4	1.0×10^0
#5	1.0×10^{-1}
#6	2.5×10^4
#7	3.8×10^{-2}
Convert into Sci. Not.	
#8	541
#9	9.5
#10	0.025

Kilo 1000 units
Hecto 100 units
Deka 10 units
Base Unit
Deci 0.1 units
Centi 0.01 units
Milli 0.001 units

To convert to a smaller unit, move decimal point to the right (or multiply) →

To convert to a larger unit, move decimal point to the left (or divide) ←

3.54×10^2

One # • Rest of the #s x 10 Exponent
(telling how many times to move the decimal, and which way to move it!)

Convert to new unit	
#1	27500 mg → g
#2	0.15 DL → mL
Convert into Std. Form	
#3	1.0×10^1
#4	1.0×10^0
#5	1.0×10^{-1}
#6	2.5×10^4
#7	3.8×10^{-2}
Convert into Sci. Not.	
#8	541
#9	9.5
#10	0.025

Kilo 1000 units
Hecto 100 units
Deka 10 units
Base Unit
Deci 0.1 units
Centi 0.01 units
Milli 0.001 units

To convert to a smaller unit, move decimal point to the right (or multiply) →

To convert to a larger unit, move decimal point to the left (or divide) ←

3.54×10^2

One # • Rest of the #s x 10 Exponent
(telling how many times to move the decimal, and which way to move it!)

Convert to new unit	
#1	27500 mg → g
#2	0.15 DL → mL
Convert into Std. Form	
#3	1.0×10^1
#4	1.0×10^0
#5	1.0×10^{-1}
#6	2.5×10^4
#7	3.8×10^{-2}
Convert into Sci. Not.	
#8	541
#9	9.5
#10	0.025

Kilo 1000 units
Hecto 100 units
Deka 10 units
Base Unit
Deci 0.1 units
Centi 0.01 units
Milli 0.001 units

To convert to a smaller unit, move decimal point to the right (or multiply) →

To convert to a larger unit, move decimal point to the left (or divide) ←

3.54×10^2

One # • Rest of the #s x 10 Exponent
(telling how many times to move the decimal, and which way to move it!)

Convert to new unit	
#1	27500 mg → g
#2	0.15 DL → mL
Convert into Std. Form	
#3	1.0×10^1
#4	1.0×10^0
#5	1.0×10^{-1}
#6	2.5×10^4
#7	3.8×10^{-2}
Convert into Sci. Not.	
#8	541
#9	9.5
#10	0.025

Kilo 1000 units
Hecto 100 units
Deka 10 units
Base Unit
Deci 0.1 units
Centi 0.01 units
Milli 0.001 units

To convert to a smaller unit, move decimal point to the right (or multiply) →

To convert to a larger unit, move decimal point to the left (or divide) ←

3.54×10^2

One # • Rest of the #s x 10 Exponent
(telling how many times to move the decimal, and which way to move it!)

Convert to new unit	
#1	27500 mg → g
#2	0.15 DL → mL
Convert into Std. Form	
#3	1.0×10^1
#4	1.0×10^0
#5	1.0×10^{-1}
#6	2.5×10^4
#7	3.8×10^{-2}
Convert into Sci. Not.	
#8	541
#9	9.5
#10	0.025

Kilo 1000 units
Hecto 100 units
Deka 10 units
Base Unit
Deci 0.1 units
Centi 0.01 units
Milli 0.001 units

To convert to a smaller unit, move decimal point to the right (or multiply) →

To convert to a larger unit, move decimal point to the left (or divide) ←

3.54×10^2

One # • Rest of the #s x 10 Exponent
(telling how many times to move the decimal, and which way to move it!)

Convert to new unit	
#1	27500 mg → g
#2	0.15 DL → mL
Convert into Std. Form	
#3	1.0×10^1
#4	1.0×10^0
#5	1.0×10^{-1}
#6	2.5×10^4
#7	3.8×10^{-2}
Convert into Sci. Not.	
#8	541
#9	9.5
#10	0.025