

Example:

300,000,000

We moved the decimal point _____ times to the _____. This means 300,000,000 is equal to _____.

If we had the number .00000003 --- This would be equal to _____

Why??

When we move the decimal to the _____, the power is _____

When we move the decimal to the _____, the power is _____

Extending KHDbdcm:

G	- -	M	- -	KHDbdcm	- -	μ	- -	n
giga		mega				micro		nano

Do # 1-5 using Extended KHDbdcm ----- Put answers in standard notation and scientific notation!!!!!!!!

1. Convert 8 gigameters to meters

8,000,000,000 8.0×10^9

2. Convert 4.2 gigahertz to nanohertz

4,200,000,000,000,000,000 4.2×10^{18}

3. Convert 84,600 micrograms to kilograms

0.000084600 8.4×10^{-5}

4. Convert 0.405 Megahertz to microhertz

405,000,000 4.05×10^{11}

5. Convert 14 meters to nanometers

14,000,000,000 1.4×10^{10}