Density = \frac{\text{mass}}{\text{volume}}

You are moving on the metric number line.
You move the decimal point the same direction and as many places.
Example: Convert 5 miles to feet:

1) Write the number and unit you are starting with.
2) Write a multiplication sign.
3) Write the conversion factor with the new unit as the numerator and the old unit as the denominator.
4) Cancel out like units.
5) Use a calculator to multiply.

1 mile
5280 feet

2) 5 miles

3) 5 miles $\times \frac{5280 \text{ feet}}{1 \text{ mile}} = 26,400 \text{ feet}$

Conversion: Convert 5 kilometers to meters.

1 km
1000 m

2) 5 km

3) 5 km $\times \frac{1000 \text{ m}}{1 \text{ km}} = 5000 \text{ m}$