



WHAT IS MATTER?

CHARACTERISTICS AND PROPERTIES OF MATTER

MEASUREMENTS OF MATTER

$$D = \frac{M}{V}$$

(let's do math!)

CHANGES IN MATTER

Particle Theory

Volume

indirect

direct

Volume

$V = l \times w \times h$

l ml

Volume

not weight!

Mass

gram

Kg

balance

beam

measuring mass

Scale

Solid

liquid

gas

add energy

CHANGE OF STATE

Properties

quantitative

Qualitative (many!)

WORDS

Numbers

1000 g

1000 ml

boiling point

freezing point

WHAT IS MATTER?

Properties

courses

1000 g

1000 ml

boiling point

freezing point

WHAT IS MATTER?

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