

Name: _____

Date: _____

Chapter 4: Matter Can Be Described Using Properties (p.113)



Key Idea: _____ can be described using _____

Vocabulary: Neatly print the entire definition. (see glossary p.302-306)

Property:

States:

List 6 properties you can observe using your senses. (See p.91)



Key Idea: Matter can be _____ using _____ properties.

Vocabulary:

Melting Point:

Freezing Point:

Boiling Point:

Density:



Key Idea: Matter is anything that has _____ and _____ .

Vocabulary:

Matter:

Mass:

Volume:

Describe to find the mass of:

a) A solid, such as a spoon

b) A liquid, such as iced tea

For each of the above, state whether you described direct or indirect measurement.

a)

b)

Describe to find the volume of:

a) A regular solid, such as a rectangular eraser

b) An irregular solid, such as spoon

c) a liquid, such as iced tea

For each of the above, state whether you described direct or indirect measurement.

a)

b)

c)

Practice - Show your work!!

1) A shoebox is 20 cm wide, 30 cm long, and 20 cm high. What is the volume of the shoebox?

2) You pour 55 mL of water into a graduated cylinder. You then drop a marble into the cylinder and record that the graduated cylinder now measures 70 mL. What is the volume of the marble?

3) A plastic toy block measures 4 cm on each side and has a mass of 50 g.

a) What is the density of the toy block?

b) Will the toy block float on water? Explain why or why not.

Your Chapter 4 Test in **NEXT CLASS**.

Use this booklet for studying. If you have time, you should review the whole chapter in the textbook (p. 90-115). Do not just read the main body of text, but also read the learning tips, look at all the figures and read their captions. You can check your understanding by mentally answering all of the *CYU* questions and chapter review questions. If you don't know the answer, go back, reread that section and then try again.