

Name 2 qualitative physical properties.

Name 2 measurable physical properties.

Name 2 immeasurable physical properties.

Name 1 size DEPENDENT physical property.

**Name 1 size INDPENDENT physical property.**

**What are the 2 parts of matter?**

**A physical property can be \_\_\_\_\_ or \_\_\_\_\_ without changing the object.**

**What are the 3 phases of matter?**

**What is the** ability to transfer thermal energy from one place to another?

What is the ability to be pounded into thin sheets?

Is ductility size dependent or independent?

A property that can identify a substance is called what?

What 2 things must you find in order to determine density?

What is the formula for density?

What are 2 ways to find volume?

What are the units for volume?

What tool is used to find mass?

What are the units for mass?

Find the density of an object weighing 40 grams and having a volume of 8ml.

Find the density of an object that weighs 20 grams and has a volume of 5 ml.

An object moves water in a cylinder from 20ml to 23ml. What is that object's volume?

An object weighs 5grams. It moves water from 15ml to 20 ml in a cylinder. What is its density?

An object is measured by a ruler to be 3cm tall, 3cm long, and 3cm deep. What is its volume?

On what TYPE of object do you find volume with a ruler?

On what type of object do you find volume with a graduated cylinder?

Which state of matter has the most loosely packed particles?

Which phase of matter has particles that move very slowly only seeming to vibrate?

Which phase of matter contains the most heat energy?

What is the direction of energy flow?

If you are outside and the air temperature is 65F, draw a picture of the heat energy flow.

When will energy flow not effect the heat?