

Name: \_\_\_\_\_

Date: \_\_\_\_\_

answer key

# PROPERTIES OF MATTER

Match the following descriptions with the property of matter that best fits the description.

solubility

Sugar can dissolve in water when the two substances are mixed.

viscosity

It takes longer for honey to pour out of a container than it takes for water.

reactivity with water

When sodium is placed in water, it produces a lot of heat and catches on fire

hardness

When using HB lead in a mechanical pencil, it breaks more easily than using H lead.

crystal form

Using a magnifying glass, you can see that salt forms small cubes, but baking soda is a powder.

texture

My cat's hair is soft, but my dog's hair is stiff.

density

A sample of lead and a sample of aluminum have the same volume, but lead has the greater mass.

combustibility

Dry wood catches fire more easily than damp wood.

taste

Lemons are more sour than cherries

malleability

Aluminum foil is easily shaped into thin sheets.