

NAME:

CLASS:

OBSERVING PROPERTIES OF MATTER

Hawaiian scientists long ago observed everything very carefully over a long period of time using all their senses. If they were taught something, they tested it out to see if it were true. Modern scientists use the same scientific process now.

DIRECTIONS: Practice describing the properties of various matter, like in the example in the first column below. Pick a liquid, a solid, a gas and a semi-solid to describe in the 4 blank columns. Use science terms to describe your matter.

Material: Properties:	<i>Tap water in a glass cylinder</i>				
• Taste (if safe):	<i>tasteless, or maybe taste of minerals, chlorine, or fluoride</i>				
• Smell (if safe):	<i>odorless (or possibly slight chlorine, or metallic smell)</i>				
• Visual (Color, Shape, Size):	<i>clear, takes shape of container (300 mL = 10 oz)</i>				
• Tactile (State of Matter & if safe, Feel, Texture, Weight):	<i>Thin liquid, tepid temp., smooth flat surface, heavier than air (atomic weight is 1)</i>				
• Aural (sound):	<i>Silent if not moving - if moving depends on amount</i>				
• Activity (stillness, movement, speed, distance):	<i>Still but makes ripples easily and rapidly when moved</i>				
• Other things you notice:	<i>Creates a shadow when moved even though it's clear</i>				