

**Worksheet: Physical/Chemical
Properties/Changes**

Name _____ *KEY*

Read the following properties and changes. Decide if each one is physical (P) or chemical (C), and whether it is a property (P) or a change (C).
Thus, something that is a physical change would be labeled PC.

boiling point

physical property (PP)

color

physical property (PP)

getting a haircut

physical change (PC)

acidity

chemical property (CP)

lighting a candle

chemical change (CC)

texture

physical property (PP)

flammability - the ability of an object to support combustion

chemical property (CP)

combustibility - the ability of an object to burn or ignite

chemical property (CP)

ice cube melting

physical change (PC)

melting point

physical property (PP)

dry ice "smoking" at a concert

physical change (PC)

alka seltzer tablets fizzing

chemical change (CC)

glass of water "sweating"—*Explain to students that this is just the water vapor in the air condensing on the outside of the cold glass.*

physical change (PC)

formation of acid rain

chemical change (CC)

malleability - the ability of a substance to be hammered into a flat sheet

physical property (PP)

density

physical property (PP)

Teacher's Note:

You may wish to discuss these answers in class one at a time, to illustrate the differences between properties and changes, and between physical and chemical.