

Scenarios: Physical or Chemical Change

Directions: For each scenario determine if it is a physical or chemical change. Then pick one reason why you chose that type of change from the list below.

Chemical	Physical
Burning/fire/heat	Shape change
Gas/bubbles/fizzing/foaming	Size change
Rusting	Change of state (solid/liquid/gas)
Tarnishing	Boiling
Something new formed	Melting
Color change	Freezing

Scenario #1

You cut your hair

Physical or Chemical	Reason

Scenario #2

Baking soda reacts with vinegar and forms gas and bubbles.

Physical or Chemical	Reason

Scenario #3

A piece of metal is bent in half

Physical or Chemical	Reason

Scenario #4

A piece of candy is smashed into a powder

Physical or Chemical	Reason

Scenario #5

A copper statue turns green when exposed to weather.

Physical or Chemical	Reason

Scenario #6

A tree burns down and forms ashes

Physical or Chemical	Reason

Scenario #7

You bake cookies in the oven

Physical or Chemical	Reason

