

Name : _____ Date : _____

Physical and Chemical Changes and Properties

A. Put a cross mark (X) in the appropriate column to indicate whether the following represents physical or chemical change.

	Physical Change	Chemical Change
Butter melts		
Sugar turns brown when heated		
Silver tarnishes		
A white solid dissolves in vinegar, and bubbles form		
Milk spoils		

B. Identify whether the following represents physical or chemical change.

1. A piece of ice melts
2. Mixing salt and pepper
3. Gasoline ignites
4. A marshmallow is toasted over a campfire
5. A marshmallow is cut into half

C. Write whether the following physical properties are intensive or extensive.

Property	Intensive or Extensive?
Pressure	
Mass	
Volume	
Color	
Melting point	

Physical and Chemical Changes and Properties

Answers

A. Put a cross mark (X) in the appropriate column to indicate whether the following represents physical or chemical change.

	Physical Change	Chemical Change
Butter melts	X	
Sugar turns brown when heated	X	
Silver tarnishes		X
A white solid dissolves in vinegar, and bubbles form		X
Milk spoils		X

B. Identify whether the following represents physical or chemical change.

1. A piece of ice melts

Physical

2. Mixing salt and pepper

Physical

3. Gasoline ignites

Chemical

4. A marshmallow is toasted over a campfire

Chemical

5. A marshmallow is cut into half

Physical

C. Write whether the following physical properties are intensive or extensive.

Property	Intensive or Extensive?
Pressure	Intensive
Mass	Extensive
Volume	Extensive
Color	Intensive
Melting point	Intensive