

Name _____

Date _____

Blk _____

Chemical vs. Physical Changes

What to do: Determine whether the following are **PHYSICAL** or **CHEMICAL** changes.
Give at least one reason for your answer.

		Chemical or Physical Change	Reason(s)
1.	Burning charcoal		
2.	Evaporating of rubbing alcohol		
3.	Photosynthesis		
4.	Corrosion of metal		
5.	Heating water until it starts bubbling		
6.	Two colourless liquids combine to form a white, cloudy mixture with little chunks		
7.	Crushing a rock		
8.	Milk sours		
9.	Food is digested		
10.	Two different solids get mixed together and turn into a liquid and the temp. drops 10°C		

Identifying Changes of State

Identify the change of state that occurs in each of the following.

Description	Change of state
1. Butter is warmed on the stove	_____
2. Water vapour cools and forms raindrops	_____
3. Liquid wax hardens	_____
4. Water boils	_____
5. Frost forms on the window of your car	_____
6. You can "see" your breath on a cold day	_____
7. After taking a hot shower, the mirror is foggy	_____
8. Popsicle juice is dripping down your arm	_____
9. Making popsicles	_____
10. The reason why you would put a cold drink down on a coaster	_____
11. Dry ice is used to make a smoky volcano dessert	_____
12. Dishes dry in the dish rack	_____