

**CLASSIFY AS A PHYSICAL OR CHEMICAL CHANGE**

	NEW SUBSTANCE (YES / NO)	CHEMICAL OR PHYSICAL CHANGE	EVIDENCE
1. breaking glass	NO	PHYSICAL	
2. lighting a match	YES	CHEMICAL	
3. drying of paint	NO	PHYSICAL	change of state
4. cutting your nails	NO	PHYSICAL	
5. baking a cake	YES	CHEMICAL	evolution of a gas
6. a dense fog appears	NO	PHYSICAL	change of state
7. rusting of iron	YES	CHEMICAL	change in colour
8. acid rain	NO	PHYSICAL	
9. making plastic from oil	YES	CHEMICAL	
10. collecting water from dew	NO	PHYSICAL	change of state
11. toasting a piece of bread	YES	CHEMICAL	change in colour
12. making ice cubes	NO	PHYSICAL	change of state
13. boiling an egg	YES	CHEMICAL	
14. decay of fallen leaves	YES	CHEMICAL	change in colour
15. taking a photograph using a film camera	YES	CHEMICAL	change in colour
16. applying makeup	NO	PHYSICAL	
17. tearing up paper	NO	PHYSICAL	
18. burning gas in an engine	YES	CHEMICAL	production of heat
19. formation of snow in a snow cloud	NO	PHYSICAL	change of state
20. fermentation of apple cider	YES	CHEMICAL	(evolution of gas)
21. disappearance of mothballs	NO	PHYSICAL	change of state
22. magnetising a nail	NO	PHYSICAL	
23. burning of wood	YES	CHEMICAL	produces heat
24. digesting a cookie	YES	CHEMICAL	
25. changing leaves in autumn	YES	CHEMICAL	change in colour