

Name: _____
Class/Lab Period: _____

Classifying Matter Worksheet

Element, Compound or Mixture?

Material	Classification
1. Salt	
2. Block of iron	
3. Glass of cola	
4. Mercury in a thermometer	
5. Ice	
6. Vinegar and oil	
7. Copper wire	
8. Earth's atmosphere, when dusty	
9. Earth's atmosphere, when dust-free	
10. Rust	
11. Brass	
12. Aluminum foil	
13. Homogenized milk	
14. Sugar	
15. Sugar water	
16. Sandy water	
17. Neon gas in a neon sign	
18. Blood	

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Classifying Matter Worksheet

Physical and Chemical Changes

Activity or Observation	Physical or Chemical Change?
1. Boiling water for tea	
2. Digesting food	
3. Soda goes "flat"	
4. Shooting a rubber band	
5. Grilling a hamburger	
6. Adding sugar to your tea	
7. Adding lemon to your tea	
8. Mowing the grass	
9. The smell of perfume "wafts" across the room	
10. Candle wax melts	
11. Breaking glass	
12. Making cement	
13. Lighting a match	
14. LED display glows in the dark	
15. Firefly glows in the dark	
16. Snow disappears without melting	
17. Bleaching your hair	
18. Turning on a lightbulb	
19. Milk goes sour	
20. Shooting off fireworks	