

# Physical Change? Chemical Change?

Look at each of the changes of matter below and decide whether you think it is a chemical change or a physical change:

- 1) Melting of an ice cube \_\_\_\_\_
- 2) Rusting of an iron nail \_\_\_\_\_
- 3) Burning of a piece of paper \_\_\_\_\_
- 4) Cutting a piece of paper \_\_\_\_\_
- 5) Boiling water \_\_\_\_\_
- 6) Baking a cake \_\_\_\_\_
- 7) Breaking a glass \_\_\_\_\_
- 8) Tarnishing of silver \_\_\_\_\_
- 9) Dissolving sugar in water \_\_\_\_\_
- 10) Mixing baking soda and vinegar \_\_\_\_\_
- 11) Freezing water into ice cubes \_\_\_\_\_
- 12) Crushing a can \_\_\_\_\_
- 13) Digesting food in your stomach \_\_\_\_\_
- 14) Ripping a piece of cloth \_\_\_\_\_
- 15) Combining hydrogen and oxygen to form water \_\_\_\_\_



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## ANSWERS:

- 1) Melting of an ice cube (physical change)
- 2) Rusting of an iron nail (chemical change)
- 3) Burning of a piece of paper (chemical change)
- 4) Cutting a piece of paper (physical change)
- 5) Boiling water (physical change)
- 6) Baking a cake (chemical change)
- 7) Breaking a glass (physical change)
- 8) Tarnishing of silver (chemical change)
- 9) Dissolving sugar in water (physical change)
- 10) Mixing baking soda and vinegar (chemical change)
- 11) Freezing water into ice cubes (physical change)
- 12) Crushing a can (physical change)
- 13) Digesting food in your stomach (chemical change)
- 14) Ripping a piece of cloth (physical change)
- 15) Combining hydrogen and oxygen to form water (chemical change)

