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Changes Physical and Chemical about Worksheet الملف

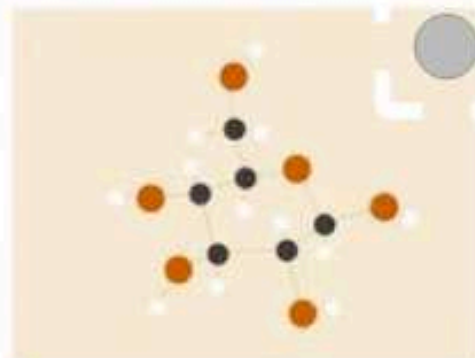
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## CHEMICAL AND PHYSICAL CHANGES

In a chemical change, a chemical reaction occurs and new products form. Energy is either absorbed or released. In a physical change, matter changes form, but its identity is not changed.



Identify each change as chemical or physical.

|    |  |  |
|----|--|--|
| 1  | Heating water into steam   |  |
| 2  | Milk going sour  |  |
| 3  | Dissolving sugar in water  |  |
| 4  | Iron rusting   |  |
| 5  | Hydrochloric acid and sodium hydroxide reacting and forming salt and water |  |
| 6  | Digesting food into nutrients  |  |
| 7  | Melting ice into water   |  |
| 8  | Acid rain dripping onto limestone and making carbon dioxide gas            |  |
| 9  | Breaking a glass into pieces   |  |
| 10 | Hydrogen peroxide decomposing into oxygen gas and water                    |  |



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|----------|----------|----------|
| physical | physical | chemical |
| physical | physical | chemical |
| chemical | chemical | chemical |
|          | chemical |          |