1. Give the scientific word for the following phase changes.
2. \_\_\_\_melting\_\_\_\_\_\_\_\_\_ ice 🡪 water
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ water 🡪 gas
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ water 🡪 ice
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ iodine gas 🡪 iodine crystals
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ iodine crystals 🡪 iodine gas
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rain clouds 🡪 rain
8. Classify the following reactions as a physical change or chemical change.

|  |  |  |
| --- | --- | --- |
|  | Physical | Chemical |
| 1. You mix two liquids together. You notice that it begins to smell sour. |  |  |
| 1. You mix yellow and blue paint together to make green paint. |  |  |
| 1. A fire destroys a house. |  |  |
| 1. You mix two yellow liquids together and the resulting solution is black. |  |  |
| 1. You mix two clear liquids together and the resulting solution looks like milk. |  |  |

1. Classify the following reactions as endothermic or exothermic.

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|  | Endothermic | Exothermic |
| 1. Sublimation |  |  |
| 1. Freezing |  |  |
| 1. Melting |  |  |
| 1. Nuclear power |  |  |
| 1. You mix two solids together in a beaker and the beaker becomes cold. |  |  |
| 1. You mix two liquids together in a beaker and the beaker gets brighter. |  |  |