

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Physical and Chemical Change



## WHAT TO REMEMBER

- Physical changes do not make a new substance.
- Physical changes also happen when matter changes states.
- Chemical changes make new substances



## WHAT TO DO

Can you recognize the chemical and physical changes that happen all around us? If you change the way something looks, but haven't made a new substance, a **physical change (P)** has occurred. If the substance has been changes into another substance, **a chemical change (C)** has occurred.

- \_\_\_\_ 1. A marshmallow is cut in half.
- \_\_\_\_ 2. An ice cube is placed in the sun. Later there is a puddle of water. Later still the puddle is gone..
- \_\_\_\_ 3. A marshmallow is toasted over a campfire.
- \_\_\_\_ 4. Two chemical are mixed together and a gas is produce.
- \_\_\_\_ 5. Chocolate syrup is dissolved in milk
- \_\_\_\_ 6. A bicycle changes color as it rusts.
- \_\_\_\_ 7. Mixing salt and pepper.
- \_\_\_\_ 8. A solid is crushed to a powder.
- \_\_\_\_ 9. A piece of ice melts and reacts with sodium
- \_\_\_\_ 10. Two substances are mixed and light is produced.

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