Changes in Matter

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. Lightning starts a fire that burns a log to ash. Can the ash turn back into a log?
   yes, by cooling the ash
   no, burning cannot be undone
   yes, by adding water

2. Wet clothes on a line dry in the sun. What happened to the water?
   it melted it evaporated it froze

3. Which change needs heat?
   chocolate melting in a hot car
   water freezing into ice
   juice turning into an ice pop

4. Water freezes at 32°F. The thermometer outside says 20°F. What will happen to a puddle?
   it will boil it will freeze it will stay liquid

5. Which change can be undone?
   a nail rusting in the rain
   burning paper to ash
   freezing juice into an ice pop

6. Morning dew is gone by noon on a sunny day. What made it go away?
   rain in the morning cold air at night heat from the sun

7. An ice cube is left in a warm room. What happens to it?
   it gets colder and harder
   it turns into water vapor at once
   it melts into liquid water

8. Water in a tray is put in a freezer. What does it become?
   warm water water vapor solid ice

9. A puddle is gone after a sunny afternoon. Where did the water go?
   it turned into soil it evaporated into the air it froze into ice

10. Drops form on the outside of a cold glass of lemonade. Where did the drops come from?
    water vapor in the air
    the ice melting inside
    lemonade leaking through the glass

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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