Changes in Matter

Grade 3 Science Worksheet

PencilGo

Name _____ Date _____

Circle the answer.

1. Which change cannot be undone?

   snow melting into puddles

   trees burned to ash in a wildfire

   rain freezing into ice

   puddles drying in the sun

2. Water in an open bowl gets lower each day. Which change is happening?

   freezing evaporation melting condensation

3. On a cold sunny day, snow on a warm roof melts and drips. What happens to the drips at the cold edge of the roof?

   they evaporate right away they melt again they turn into snow

   they freeze into icicles

4. Chocolate melts in a hot car. Then it cools in the fridge. What happened?

   it stayed solid the whole time

   it turned into a gas and back

   it burned and cannot change back

   it melted and then became solid again

5. Which observation shows that a change can be undone?

   rust stays on a nail when it dries

   a burned stick stays black when it cools

   ash stays ash when it cools

   melted wax hardens again when it cools

6. A water pipe outdoors bursts on a very cold night. What most likely happened?

the water inside boiled

the water inside evaporated

the water inside froze and expanded

the pipe melted

7. Clouds form when water vapor high in the sky cools. What forms in the cloud?

hot water vapor sand and dust tiny drops of liquid water big blocks of ice

8. Which change happens when water loses heat?

boiling evaporating freezing melting

9. A pot of soup is heated until steam rises. Which change is happening to the water?

it is condensing into a liquid

it is freezing into a solid

it is evaporating into a gas

it is melting into a liquid

10. Water vapor near a cold glass turns into liquid drops. What is this change called?

melting condensation freezing evaporation

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Changes in Matter

Answer Key - Grade 3 Science Worksheet

Circle the answer.

1. Which change cannot be undone?

   snow melting into puddles

   trees burned to ash in a wildfire

   rain freezing into ice

   puddles drying in the sun

2. Water in an open bowl gets lower each day. Which change is happening?

   freezing **evaporation** melting condensation

3. On a cold sunny day, snow on a warm roof melts and drips. What happens to the drips at the cold edge of the roof?

   they evaporate right away they melt again they turn into snow

   they freeze into icicles

4. Chocolate melts in a hot car. Then it cools in the fridge. What happened?

   it stayed solid the whole time

   it turned into a gas and back

   it burned and cannot change back

   it melted and then became solid again

5. Which observation shows that a change can be undone?

   rust stays on a nail when it dries

   a burned stick stays black when it cools

   ash stays ash when it cools

   melted wax hardens again when it cools

6. A water pipe outdoors bursts on a very cold night. What most likely happened?

the water inside boiled

the water inside evaporated

the water inside froze and expanded

the pipe melted

7. Clouds form when water vapor high in the sky cools. What forms in the cloud?

hot water vapor sand and dust tiny drops of liquid water big blocks of ice

8. Which change happens when water loses heat?

boiling evaporating freezing melting

9. A pot of soup is heated until steam rises. Which change is happening to the water?

it is condensing into a liquid

it is freezing into a solid

it is evaporating into a gas

it is melting into a liquid

10. Water vapor near a cold glass turns into liquid drops. What is this change called?

melting condensation freezing evaporation