Changes in Matter

Grade 3 Science Worksheet

PencilGo

Name _____ Date _____

Circle the answer.

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

   melting evaporation freezing condensation

2. Juice is poured into a mold and frozen. What does it become?

   a solid juice pop juice vapor liquid juice melted juice

3. Which pair shows a change and its opposite?

   melting and burning melting and freezing evaporating and burning

   freezing and rusting

4. Road crews spread salt before an ice storm. Why?

   salt helps stop water from freezing into ice

   salt makes the roads warmer than the air

   salt makes ice harder

   salt soaks up all the rain

5. Which change cannot be undone?

   puddles drying in the sun

   trees burned to ash in a wildfire

   rain freezing into ice

   snow melting into puddles

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

   condensation freezing melting evaporation

7. 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

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

- it melted and then became solid again
- it stayed solid the whole time
- it turned into a gas and back
- it burned and cannot change back

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

- rust stays on a nail when it dries
- melted wax hardens again when it cools
- ash stays ash when it cools
- a burned stick stays black when it cools

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

- the water inside froze and expanded
- the pipe melted
- the water inside evaporated
- the water inside boiled

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Answer Key - Grade 3 Science Worksheet

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