Changes in Matter

Grade 3 Science Worksheet

PencilGo

Name _____ Date _____

Circle the answer.

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

   a solid juice pop melted juice juice vapor liquid juice

2. Which pair shows a change and its opposite?

   evaporating and burning melting and freezing melting and burning

   freezing and rusting

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

   salt makes the roads warmer than the air

   salt makes ice harder

   salt soaks up all the rain

   salt helps stop water from freezing into ice

4. Which change cannot be undone?

   rain freezing into ice

   puddles drying in the sun

   trees burned to ash in a wildfire

   snow melting into puddles

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

   freezing melting evaporation condensation

6. 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 freeze into icicles they turn into snow they evaporate right away

   they melt again

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

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

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

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

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

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

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

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

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Answer Key - Grade 3 Science Worksheet

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