Matter Is Made of Tiny Particles

Grade 5 Science Worksheet - Challenge Me

Name _____ Date _____

Which statement is true? Circle the answer.

1. We can smell cookies even though no particles move.
   We can smell cookies because particles reach our noses.
   We can smell cookies because the cookies jump to our noses.

2. Dry ice turning to gas is particles spreading apart.
   Dry ice turning to gas is particles melting into water.
   Dry ice turning to gas is particles disappearing.

3. Rubbing your hands together warms them as particles move faster.
   Rubbing your hands together has no effect on particles.
   Rubbing your hands together cools them as particles stop.

4. Frozen juice becomes liquid when its particles move more.
   Frozen juice becomes liquid when it loses its particles.
   Frozen juice becomes liquid when its particles move less.

5. A sealed bottle of gas pushes only on its lid.
   A sealed bottle of gas has no push on its walls.
   A sealed bottle of gas pushes on its walls with particles.

6. Sugar particles are too small to see in a drink.
   Sugar particles are so big that they stay visible.
   Sugar particles are gone from the drink forever.

7. Water vapor in the air is made of dust only.
   Water vapor in the air is made of water particles.
   Water vapor in the air is not matter.

8. Matter has mass and takes up space.
   Matter has mass but takes up no space.
   Matter takes up space but has no mass.

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Answer Key - Grade 5 Science Worksheet - Challenge Me

Which statement is true? Circle the answer.

1. We can smell cookies even though no particles move.
   We can smell cookies because particles reach our noses.
   We can smell cookies because the cookies jump to our noses.

2. **Dry ice turning to gas is particles spreading apart.**
   Dry ice turning to gas is particles melting into water.
   Dry ice turning to gas is particles disappearing.

3. **Rubbing your hands together warms them as particles move faster.**
   Rubbing your hands together has no effect on particles.
   Rubbing your hands together cools them as particles stop.

4. **Frozen juice becomes liquid when its particles move more.**
   Frozen juice becomes liquid when it loses its particles.
   Frozen juice becomes liquid when its particles move less.

5. A sealed bottle of gas pushes only on its lid.
   A sealed bottle of gas has no push on its walls.
   A sealed bottle of gas pushes on its walls with particles.

6. **Sugar particles are too small to see in a drink.**
   Sugar particles are so big that they stay visible.
   Sugar particles are gone from the drink forever.

7. Water vapor in the air is made of dust only.
   Water vapor in the air is made of water particles.
   Water vapor in the air is not matter.

8. **Matter has mass and takes up space.**
   Matter has mass but takes up no space.
   Matter takes up space but has no mass.