Matter Is Made of Tiny Particles

Grade 5 Science Worksheet

Name _____ Date _____

Which statement is true? Circle the answer.

1. A rock is not matter because it cannot flow.
   A rock is matter because it has mass and takes up space.
   A rock is matter only when it is moving.

2. Light is not matter because it has no mass.
   Light is matter because it takes up space.
   Light is matter because it can be seen.

3. A solid can be squeezed into a smaller space easily.
   A gas can be squeezed into a smaller space.
   A liquid can be squeezed until it becomes air.

4. The particles in a liquid cannot touch each other.
   The particles in a liquid are as far apart as in a gas.
   The particles in a liquid stay close together.

5. Particles spread out more when a gas enters a bigger room.
   Particles bunch up more when a gas enters a bigger room.
   Particles vanish when a gas enters a bigger room.

6. Hot tea gives off steam as tea particles freeze.
   Hot tea gives off steam as water particles escape.
   Hot tea gives off steam as the cup melts.

7. A scientist draws a model because particles are too large to hold.
   A scientist draws a model because particles do not exist.
   A scientist draws a model because particles are too small to see.

8. Everything around us that takes up space is made of nothing.
   Everything around us that takes up space is made of matter.
   Everything around us that takes up space is made of light.

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Answer Key - Grade 5 Science Worksheet

Which statement is true? Circle the answer.

1. A rock is not matter because it cannot flow.
   A rock is matter because it has mass and takes up space.
   A rock is matter only when it is moving.

2. **Light is not matter because it has no mass.**
   Light is matter because it takes up space.
   Light is matter because it can be seen.

3. A solid can be squeezed into a smaller space easily.
   A gas can be squeezed into a smaller space.
   A liquid can be squeezed until it becomes air.

4. The particles in a liquid cannot touch each other.
   The particles in a liquid are as far apart as in a gas.
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5. **Particles spread out more when a gas enters a bigger room.**
   Particles bunch up more when a gas enters a bigger room.
   Particles vanish when a gas enters a bigger room.

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   Everything around us that takes up space is made of matter.
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