Matter Is Made of Tiny Particles

Grade 5 Science Worksheet - Challenge Me

Name _____ Date _____

Which statement is true? Circle the answer.

1. Particles are always big enough to see.
   Only solids are made of particles.
   All matter is made of tiny particles.

2. Air is not matter because we cannot see it.
   Air is matter made of tiny particles.
   Air is empty space with nothing in it.

3. Particles in a solid never move at all.
   Particles in a solid move freely all around.
   Particles in a solid stay in place and wiggle.

4. Particles in a liquid slide past each other.
   Particles in a liquid are locked in place.
   Particles in a liquid are very far apart.

5. Particles in a gas spread out to fill a space.
   Particles in a gas stay tightly packed.
   Particles in a gas cannot move.

6. Smell spreading across a room shows that particles are frozen.
   Smell spreading across a room has nothing to do with particles.
   Smell spreading across a room shows that particles move.

7. Sugar dissolves because water turns it into a gas.
   Sugar dissolves because its particles mix with water.
   Sugar dissolves because its particles vanish forever.

8. Food coloring spreads in water because the water shrinks.
   Food coloring spreads in water because particles move.
   Food coloring spreads in water with no movement at all.

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Answer Key - Grade 5 Science Worksheet - Challenge Me

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   Particles in a solid stay in place and wiggle.

4. **Particles in a liquid slide past each other.**
   Particles in a liquid are locked in place.
   Particles in a liquid are very far apart.

5. **Particles in a gas spread out to fill a space.**
   Particles in a gas stay tightly packed.
   Particles in a gas cannot move.

6. Smell spreading across a room shows that particles are frozen.
   Smell spreading across a room has nothing to do with particles.
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