Matter Is Made of Tiny Particles

Grade 5 Science Worksheet - Building Confidence

Name _____ Date _____

Which statement is true? Circle the answer.

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

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

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

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

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

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

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

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 - Building Confidence

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