Matter Is Made of Tiny Particles

Grade 5 Science Worksheet - Challenge Me

Name _____ Date _____

Which statement is true? Circle the answer.

1. A closed jar of air still has particles inside.
   A closed jar of air has nothing inside.
   A closed jar of air has only one particle.

2. Water particles are different in every cup.
   Water particles change each time you pour them.
   Water particles are the same in every glass of water.

3. Pressing a sponge squeezes air particles out of it.
   Pressing a sponge removes all matter from it.
   Pressing a sponge turns air particles into water.

4. A drop of ink in water stays in one place forever.
   A drop of ink in water spreads out evenly after a while.
   A drop of ink in water turns into a solid.

5. Warm and cold water spread food coloring the same way.
   Warm water spreads food coloring faster than cold water.
   Cold water spreads food coloring faster than warm water.

6. Particles are always moving, even in a solid.
   Particles stop moving for good when they are cold.
   Particles move only in a liquid.

7. Wind is empty space moving by itself.
   Wind is moving air, made of moving particles.
   Wind is made of one single large particle.

8. A full glass of water holds only empty space.
   A full glass of water holds no particles at all.
   A full glass of water holds water particles packed together.

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Answer Key - Grade 5 Science Worksheet - Challenge Me

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