Matter Is Made of Tiny Particles

Grade 5 Science Worksheet - Challenge Me

Name _____ Date _____

Which statement is true? Circle the answer.

1. Dust floating in sunlight shows that air has no particles.
   Dust floating in sunlight can show that air particles move.
   Dust floating in sunlight shows that air is perfectly still.

2. Salt water has only water particles in it.
   Salt water has only salt particles in it.
   Salt water has salt particles mixed with water particles.

3. A bike tire gets harder when more air particles go in.
   A bike tire gets harder when air particles shrink.
   A bike tire gets harder when air particles leave.

4. Liquid water evaporates when its particles escape into the air.
   Liquid water evaporates when its particles are destroyed.
   Liquid water evaporates when its particles turn to stone.

5. Wet laundry dries as water particles sink into the cloth for good.
   Wet laundry dries as water particles vanish from the world.
   Wet laundry dries as water particles move into the air.

6. Steam is water particles moving fast and far apart.
   Steam is air particles that were never water.
   Steam is water particles packed together tightly.

7. Mixing sand and water does not break the sand particles.
   Mixing sand and water turns the sand into water.
   Mixing sand and water makes the sand vanish.

8. Air takes up space only when it is cold.
   Air takes up no space because it is invisible.
   Air takes up space because its particles fill it.

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Answer Key - Grade 5 Science Worksheet - Challenge Me

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