Solids, liquids and gases worksheet

2nd grade science · Physical Science

Name _____ Date _____

For grown-ups: 10 questions from our solids, liquids and gases practice, easier ones first. Read a question aloud if your child wants that, then check together with the answer key on page 2. Circle one answer for each problem.

1. **What happens to ice when it gets warm?**
   ○ It gets harder ○ It turns into rock ○ It melts into water

2. **A solid keeps its own shape.**
   ○ Yes ○ No

3. **A liquid takes the shape of its ___.**
   ○ Container ○ Smell ○ Color

4. **Which one is a liquid?**
   ○ Rock ○ Air in a balloon ○ Milk

5. **You can pour it and it has no shape of its own. What is it?**
   ○ Rock ○ Liquid ○ Solid

6. **Air is a gas even though you cannot see it.**
   ○ Yes ○ No

7. **Water boils and makes steam. Steam is a ___.**
   ○ Solid ○ Liquid ○ Gas

8. **A puddle disappears on a sunny day. Where did most of the water go?**
   ○ It stopped existing ○ Into the air as a gas ○ It turned into a solid

9. **Which word means a liquid changing into a gas?**
   ○ Melting ○ Freezing ○ Evaporating

10. **When water freezes, it is still water, just in a different state.**
    ○ Yes ○ No

Answer key: Solids, liquids and gases

2nd grade science · More practice and a guide for parents at tutorsaurus.com/learn/2nd-grade/states-of-matter

1. **It melts into water**
   Warm ice melts into liquid water. Melting is a solid changing into a liquid.
2. **Yes**
   True! Solids like blocks and rocks keep their shape unless you break or bend them.
3. **Container**
   A liquid takes the shape of its container. Water looks tall in a glass and flat in a bowl.
4. **Milk**
   Milk is a liquid. You can pour it and it takes the shape of its cup.
5. **Liquid**
   A liquid pours and takes the shape of whatever holds it.
6. **Yes**
   True! Air is a gas. You cannot see it, but you can feel it when the wind blows.
7. **Gas**
   Steam is water as a gas. Boiling turns liquid water into a gas.
8. **Into the air as a gas**
   The sun warmed the puddle and the water evaporated. It became water vapor, a gas you cannot see.
9. **Evaporating**
   Evaporating is a liquid turning into a gas. Freezing makes a solid and melting makes a liquid.
10. **Yes**
    True! Ice is still water. It is just in its solid state. Melt it and you get liquid water again.