

States of Matter: Nova's Quick Quiz

Learning objective: To identify and describe the three states of matter: solids, liquids, and gases.

Hello! I am Nova the owl. Let's look at the science of the world around us. Read each question carefully. Use the word bank if you get stuck. Good luck!

Answer Key: 1. A) Solid; 2. True; 3. Liquid; 4. B) Gas; 5. False; 6. Solid; 7. Melt; 8. True; 9. Gas; 10. Freeze.

Word bank: Solid · Liquid · Gas · Freeze · Melt · Steam · Ice · Shape · Flow

1. 1. Which state of matter keeps its own shape? A) Solid* B) Liquid C) Gas (1 mark)

2. 2. True or False: A liquid can flow and change its shape to fit a container. (1 mark)

3. 3. What state of matter is water when it is in a cup? (Solid/Liquid/Gas) (1 mark)

4. 4. Which state of matter is hard to see and fills all the space in a room? A) Solid B) Gas* C) Liquid (1 mark)

5. 5. True or False: Solids can flow like water. (1 mark)

6. 6. Is a wooden pencil a solid, a liquid, or a gas? (1 mark)

7. 7. What happens to ice when it gets warm? It starts to _ _ _ . (1 mark)

8. 8. True or False: Steam is water in the form of a gas. (1 mark)

9. 9. When you blow up a balloon, what state of matter are you putting inside? (Solid/Liquid/Gas) (1 mark)

10. 10. What do we call it when water turns into ice? (Melt/Freeze) (1 mark)

Draw: Draw a picture of an ice cube melting in the sun. Label the ice as a 'Solid' and the puddle as a 'Liquid'.



*Extension challenge: Nova wants to know: Can you find three things in your classroom that are solids?
Write them down here: _____, _____, _____.*