bananalearn

LEARN IT. UNDERSTAND IT. TRY IT.

States of matter for Grade 4

Practice worksheet - Science · Grade 4

Name: _____ Date: _____

Show your working. Answers are not included in this copy.

Try each task before opening its answer. Give an example or reason, not only a label.

Write an answer and your reason before opening the explanation. Check the reasoning as well as the final answer.

1. What two properties distinguish the usual school descriptions of solids, liquids and gases?

2. The same water is poured without spilling into a wider bowl. What happens to its volume?

3. Why can invisible air still count as matter?

4. Why is a pile of sand not automatically a liquid?

5. Ice becomes liquid water. Name the change.

6. Liquid water becomes ice. Name the change.

7. Water vapour becomes droplets on a cool surface. Name the change.

8. Must a puddle boil before it can dry?

9. Are particles in a solid completely still?

10. Is the white cloud above hot water pure invisible water vapour?

11. Name two conditions besides surface area that affect drying.

12. A sponge can be squeezed. Does that prove it is a liquid?

13. Write an observation about drops outside a cold bottle without explaining their source.

14. Write a sentence using both the starting and final states for evaporation.