



Solids, Liquids, and Gasses

Name: _____ Date: _____

SEEING IS BELIEVING

HYPOTHESIS

If atoms are too small to see, how do scientists know they are there?

MATERIALS

4 Mystery Samples

PROCEDURE

1. Carefully examine your mystery objects and record whatever properties you can observe and what sense you used to observe them. Find at least three properties.
2. Use your observations to deduce what common classroom object is in the box.

CONCLUSION

How did you figure out what each mystery object was when you couldn't see it?

Object	Observations	Sense Used	Deduction



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