

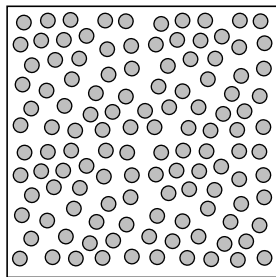
Skills Worksheet

# Reinforcement

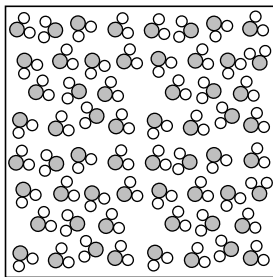
## It's All Mixed Up

Complete this worksheet after you finish reading the section "Mixtures."

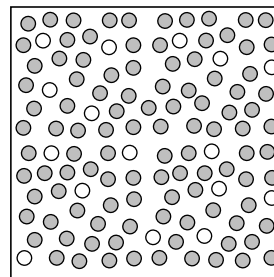
Label each figure below with the type of substance it BEST models: compound, solution, or element.



1



2



3

4. Why did you label the figures above as you did?

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**Reinforcement** *continued***PROFESSOR JUMBLE'S CONFUSION**

In her lab, Professor Jumble has two shelves labeled “Solutions” and “Compounds,” respectively. Last night, the professor set one beaker of clear liquid on each of the two shelves. When the professor walked into her lab this morning, both beakers were on the same shelf, and she didn't know which was which. She tested each beaker, and the results are below.

5. Use the test results to help Professor Jumble unjumble the beakers, and write the identity of each liquid in the blanks.

<p><b>Beaker A:</b> _____</p> <ul style="list-style-type: none"><li>• Light passes right through.</li><li>• Particles do not separate in a centrifuge or a filter.</li><li>• Upon heating, the liquid evaporates, but no residue remains.</li><li>• The particles could not be separated by any other physical changes.</li></ul>	<p><b>Beaker B:</b> _____</p> <ul style="list-style-type: none"><li>• Light passes right through.</li><li>• Particles do not separate in a centrifuge or a filter.</li><li>• Upon heating, the liquid evaporates, and a crystal powder remains.</li></ul>
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