

Name: _____







Date: _____

What Happens When You Mix Solids and Liquids?



Do solids and liquids mix? Let's find out!


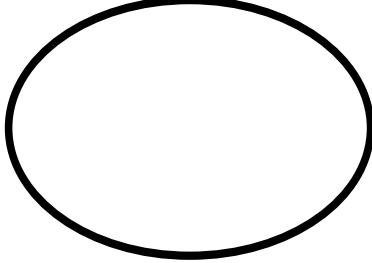

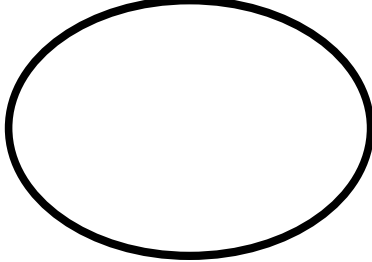

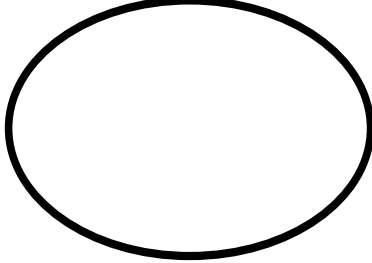
1. Fill 4 cups half way with water.
2. Put a spoonful of salt in one cup, spoonful of sand in another cup and a spoonful of rocks in a third cup.
3. Stir all of the cups – Draw what you see.
4. Wait 5 minutes – Draw what you see.

Mixture	After Stirring	After Waiting 5 minutes
Salt and Water		
Sand and Water		
Rocks and Water		

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5. Pour each mixture through a coffee filter – Draw what you see.

Mixture	Filtered Water	Coffee Filter
Salt and Water		
Sand and Water		
Rocks and Water		

When a solid looks like it disappears in a liquid we say that the solid **dissolves** in the liquid.

How can you tell the salt is still in the water? _____
