

Date:

**Group Work: Chapter 5 Interactions of Matter**

**Solute, solvent and solution**

**Q1.** Choose the Correct Answer:

**1. What do you see when salt is mixed with water?**

- a) The salt disappears and the water looks clear.
- b) The salt stays in the water and you can see it.
- c) The salt sinks to the bottom but doesn't mix.

**2. What do you see when sand is mixed with water?**

- a) The sand mixes completely with the water.
- b) The sand stays at the bottom and doesn't dissolve.
- c) The sand changes the color of the water.

**Q2.** Fill in the blank:

- 1. When you mix salt with water, the salt \_\_\_\_\_ .
- 2. After mixing salt with water, the water looks \_\_\_\_\_ .
- 3. Salt mixed with water forms a \_\_\_\_\_ .

**Q3.** True or False? (Circle one)

- 4. Salt dissolves in water to make a solution.  
(True / False)
- 5. Sand dissolves in water like salt.  
(True / False)

**Q4.** Label the picture of **salt solution**:

