

## Guided Notes: Saturation

Name: \_\_\_\_\_ Period: \_\_\_\_\_

### Unsaturated Solutions

-- if the amount of solute dissolved is \_\_\_\_\_ than the \_\_\_\_\_ amount that could be dissolved

→ label the area of the graph in which the solution would be unsaturated

### Saturated Solutions

-- a solution holding the \_\_\_\_\_ amount of solute per amount of solvent under given conditions

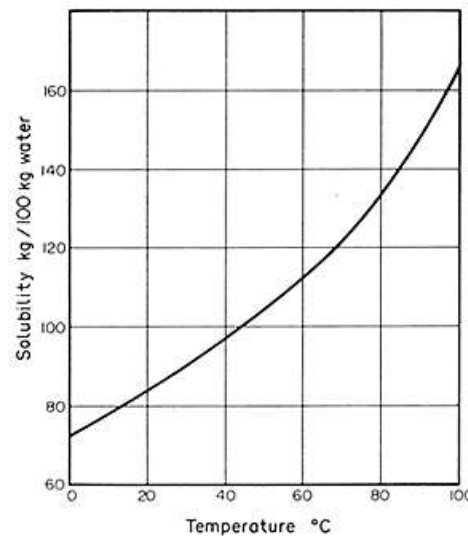
→ label the area of the graph in which the solution would be saturated

### Supersaturated Solutions

-- contain \_\_\_\_\_ solute than the usual \_\_\_\_\_ amount and is \_\_\_\_\_

→ label the area of the graph in which the solution would be saturated

**Sketch the Pictures for the different types of solution and label them below:**



How can we test what type of solution we have?

How would we form a supersaturated solution?

### Solution Vocab Cont'd

- \_\_\_\_\_ – the overall energy change that occurs during the solution formation process
- \_\_\_\_\_ = releases heat (gets warmer)
- \_\_\_\_\_ = absorbs heat (gets colder)