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so many fake sites. this is the first one which worked! Many thanks

1. Which illustration below represents
a. solute particles in a solid state in water?
b. solute particles in an aqueous state?


2. What variables are controlled in all five beakers of Model 1?
10g H₂O, 20°C, 2hr stir, etc

3. Count the particles present in each beaker of Model 1. Fill in the table to show the number of dissolved solute particles and the number of solid solute particles.

4. Consider the beakers in Model 1.
a. Which beakers represent **unsaturated** solutions?
A, B
b. Which beakers represent **saturated** solutions?
C, E

5. Beakers A-E in Model 1 are depicted as representing five different or separate solutions. They could also be considered as five "samples" of the same beaker over time. In other words, if additional measured quantities of solute were stirred into beaker A in small increments over time, then beakers B-E would result.
a. When a small amount of additional solute is added to an **unsaturated** solution, what happens to the number of dissolved particles? Provide specific evidence from Model 1 to support your answer.
Beakers B, C will form at it saturate more
b. When a small amount of additional solute is added to a **saturated** solution, what happens to the number of dissolved particles? Provide specific evidence from Model 1 to support your answer.
Stays same Beaker D-E
c. Predict what would happen if a small amount of additional solute were stirred into beaker E in Model 1.
dissolved part. will increase

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