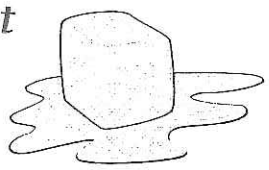




Claim, Evidence, Reasoning Writing Prompt

Name: _____

Date: ____ - ____ - ____ HR: ____

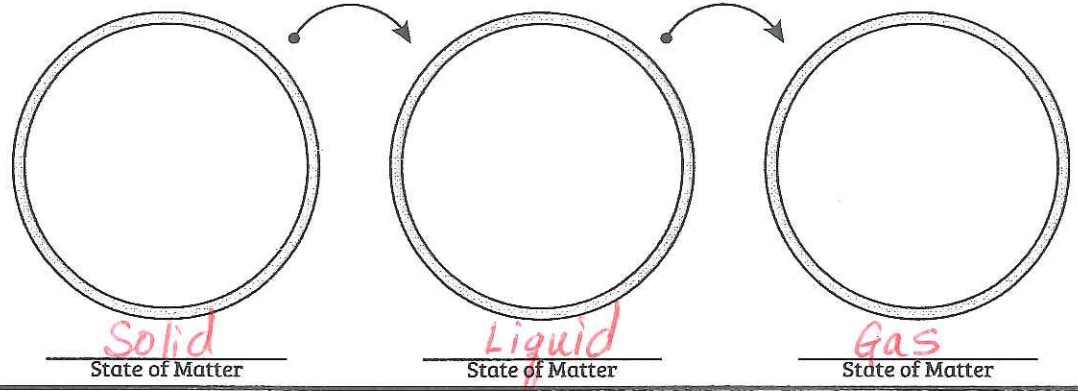


STATES OF MATTER

Question: A block of ice is placed in a frying pan and heated until it reaches boiling (100 degrees Celsius). **What 3 states of matter changes occur during this experiment?** Justify your answer with both a written explanation and molecular diagrams. Include (and underline) the following vocabulary words in your explanation: state of matter, ice, water, water vapor, solid, liquid, gas, vibrate, slide, particles, rapidly, heat energy, melt, vaporization

Claim: (Answer the question in one full sentence.)

Evidence: (Draw what the particles looked like in each state of the experiment.)



Reasoning: (Explain why your evidence supports your claim using paragraph format; include relevant scientific principles.)