

Day 1

These diagrams show atoms or molecules of a gas, a solid and a liquid. Tell which model shows each state of matter and explain how you know.

1



1. Shows molecules or atoms of a _____. I know that because _____

2



2. Shows molecules or atoms of a _____. I know that because _____

3



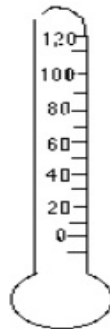
3. Shows molecules or atoms of a _____. I know that because _____

Day 2

1. Fill in the blanks with "add heat energy" or "take away heat energy."
 - a. To change a solid to a liquid you have to _____.
 - b. To change a liquid to a solid you have _____.
 - c. To change a gas to a liquid you have to _____.
 - d. To change a liquid to a gas you have to _____.
2. The melting point of a substance is the _____
3. The boiling point of a substance is the _____
4. The melting point of ice water is _____ degrees Celsius.
5. The boiling point of liquid water is _____ degrees Celsius.
6. When you leave butter out in the hot sun it will
 - a. melt
 - b. change from a solid to a liquid
 - c. boil
 - d. change in shape
 - e. a and c
 - f. a,b and d

Day 3

Shade in the melting/freezing point for water on the Celsius thermometer on the right.



Shade in the boiling point for water on the Celsius thermometer on the right

