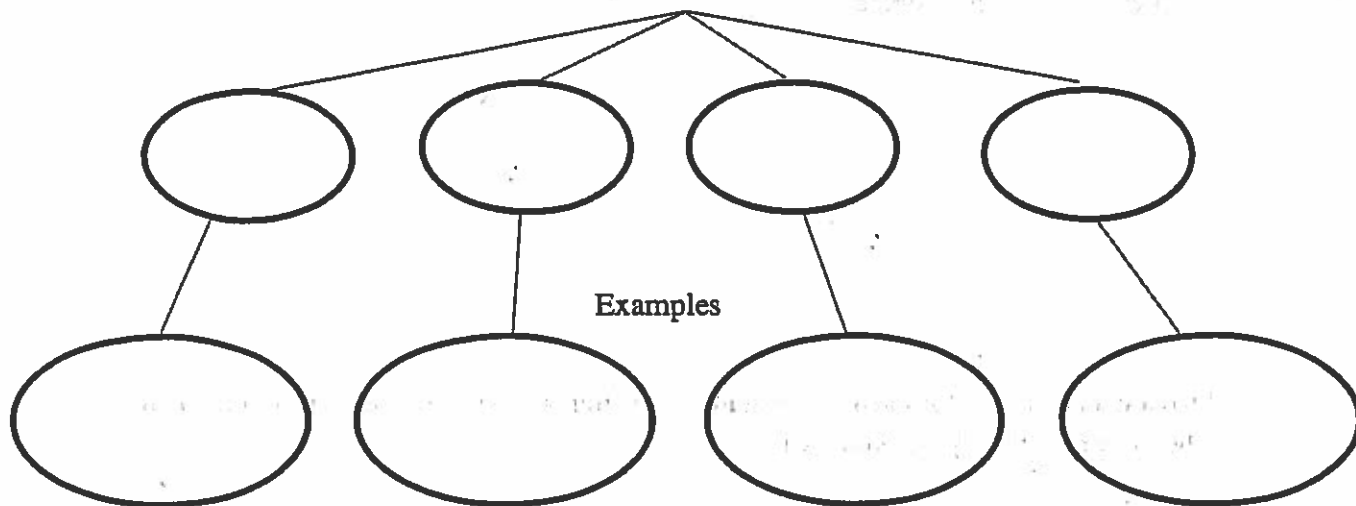


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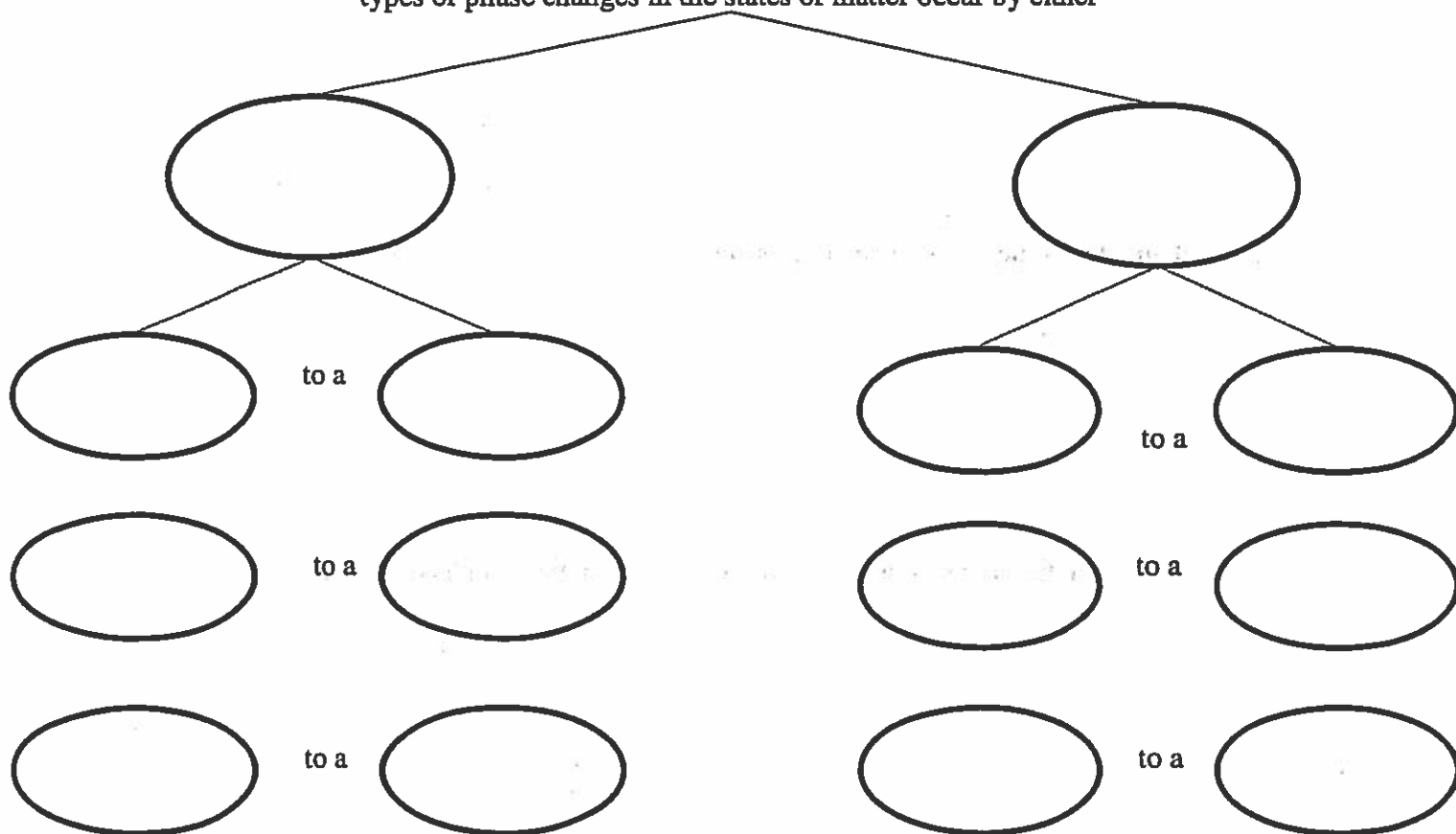
Date:

Period:

is a change in



types of phase changes in the states of matter occur by either



Directions: Read the following questions carefully. Be sure to respond to all parts of the question and to follow the directions in each question carefully.

1. List the phase changes that occur when thermal energy is added and when thermal energy is taken away from an object.
2. Provide an example for each of the states of matter when thermal energy is added and when thermal energy is taken away.
3. Explain what is meant by the conservation of mass.
4. Explain what dissolving is and how/why it is an example of a physical change.