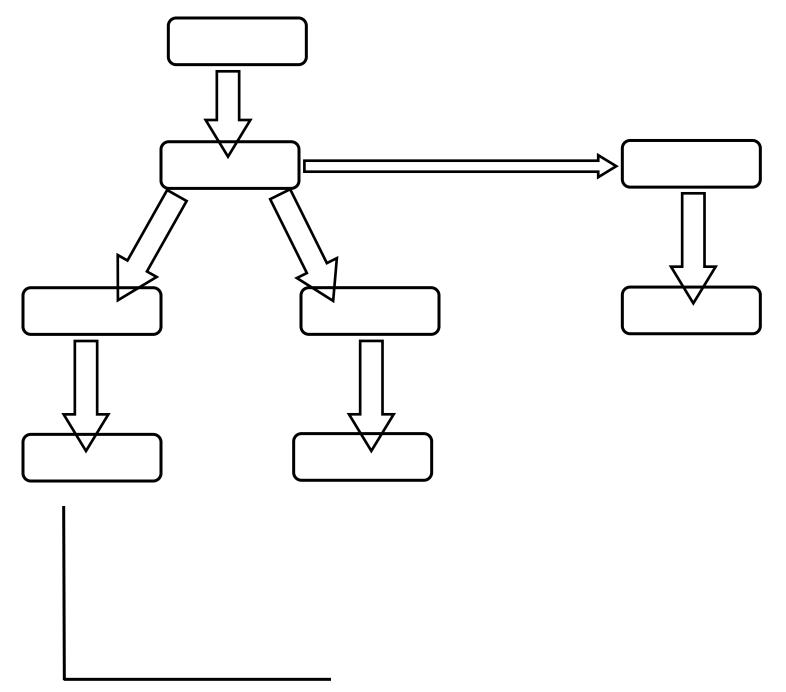
## BozemanScience.com Worksheet

- 1. The term "Therm" in endothermic and exothermic reactions means \_\_\_\_\_\_.
- 2. Define the terms "system" and "surroundings".
- 3. In a cold pack what two chemicals react to produce the endothermic reaction AND where does the system get the heat from?
- 4. Complete the diagram below.



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5. Balance the exothermic reaction referred to as a thermite reaction.

$$Fe_2O_3 + AI \rightarrow Fe + AI_2O_3$$

6. Complete the graphs below to show the change in energy as a chemical reaction proceeds.

Exothermic Reaction

Endothermic Reaction

7. The most practical (done in the lab) activity to perform to determine if a reaction is endothermic or exothermic is to:

8. Was that helpful?