

Endothermic and Exothermic Reactions

Name _____ Block _____

	Endothermic	Exothermic
Definition		
Examples		

Purpose:

- Design an experiment that uses DATA to determine if a reaction is endothermic or exothermic.
- Describe the energy transfer in the reactions.

Part 1 Question:

Is a reaction with liver and hydrogen peroxide endothermic or exothermic? Use data to support your conclusion.

Part 1 Materials:

hydrogen peroxide
liver

test tube
timer

thermometer
10 mL graduated cylinder

Part 1 Procedures:

- 1)
- 2)
- 3)

Part 1 Data:

Starting Temperature _____ Ending Temperature _____

Part 1 Conclusion:

- 1) Is the reaction of liver and hydrogen peroxide endothermic or exothermic?

- 2) How do you know? Support your conclusion with data. _____

- 3) Which direction is the energy flowing, into the reaction or out of the reaction? How do you know? _____
