NAME: _____ DATE: _____

$$Q = mc\Delta T$$

Name the three (3) Phase Changes Endothermic

Phase Change	Name	Name
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

1. Suppose 1000 ml of Water will raise the temp. of 1000 g of an unknown metal from 100.0 °C to 100.0 °C. Calculate the Spec. Ht. (c) of the metal.

Data	Equation	Work	Answer
[illegible]	[illegible]	[illegible]	[illegible]

2. Calculate the number of calories that will be required to raise the temperature of 100 g of liquid water from 10.0 °C to 100.0 °C.

Data	Equation	Work	Answer
[illegible]	[illegible]	[illegible]	[illegible]