

Name: _____ Section: _____

Observation and Inference - Is There a Gremlin in the Drink Machine?

The following passage is the response by a first grade class after the teacher asked the students how a drink machine works. Keep in mind that these are their observations and inferences that support their "Gremlin Model."

This is what we think happens when you drop your money into the machine. A gremlin grabs the money, counts it, and then drops it into a tin box. If there is not enough money, the gremlin keeps it. If there is too much, the gremlin makes change and then pushes the change through a slot in the wall of the machine. There are a number of paths the gremlin can follow, each one blocked by a gate. When you make your selection, a gate is lifted, and the gremlin scurries along the path, grabs a can, and throws it down the chute. And what happens when the gremlin falls asleep on the job? A sign automatically appears on the outside of the machine saying "OUT OF ORDER," and no more money will enter the gremlin's tin box.

1. List any/all observations and inferences from the passage that would support the classes' "Gremlin Model." For each observation, there should be a corresponding inference.

OBSERVATION	INFERENCE

2. Now that you have identified the student's observations and inferences, suggest a few potential observations that would not support their "Gremlin Model." Be sure to explain your reasoning.

OBSERVATION	EXPLANATION

3. In the space below, draw or write a description of a drink machine or another kind of machine, based on your own observations and inferences.