

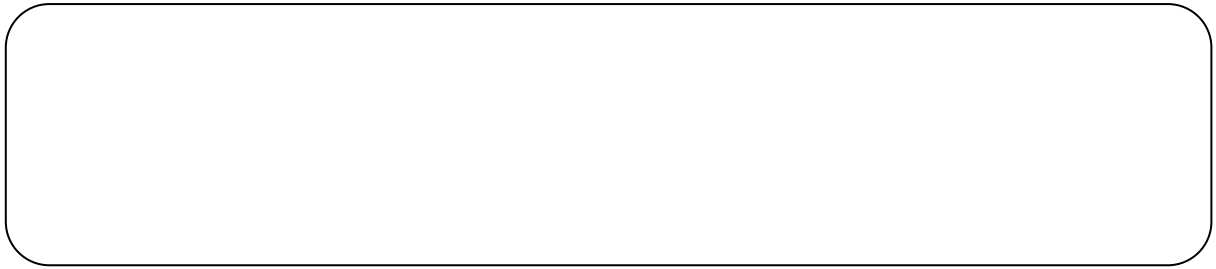
Investigate – How Does Pressure Add Up?

Purpose: To explore the relationship between the individual, partial pressures of a gas mixture and the combined, total pressure of the gas mixture.

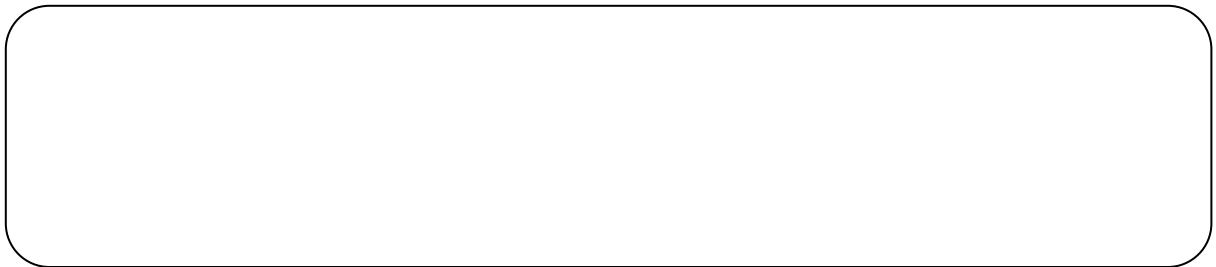
Design:



Procedure:



Data:



Post Lab:

1. Determine a mathematical relationship (formula) that compares the individual, partial pressures of two different gas species (one light and one heavy) with the total pressure of a mixture of the two gases.

2. What would be the formula for Total Pressure in a gas mixture of 4 different gases?