Advanced Chemistry	NAME:	
Partial Pressure & Mole Ratio WS		

Instructions: Complete the following problems. SHOW ALL WORK in the empty space below the questions. Remembers the units. Round to the nearest hundredths place.

Partial Pressure

PER:

- 1. A mixture containing 0.765 mol He(g), 0.330 mol Ne(g), and 0.110 mol Ar(g) is confined in a 10.0 L vessel at 25.00°C.
 - a) Calculate the partial pressure of each gas in the mixture.

- b) Calculate the total pressure of the mixture.
- 2. A deep-sea diver uses a gas cylinder with a volume of 10.0 L and a content of 51.2 g of O_2 and 32.6 g of He. The temperature of the gas is 19.00°C.
 - a) Calculate the partial pressure of each gas in the mixture.

b) Calculate the total pressure of the mixture.

Mole Ratio & Partial Pressure

