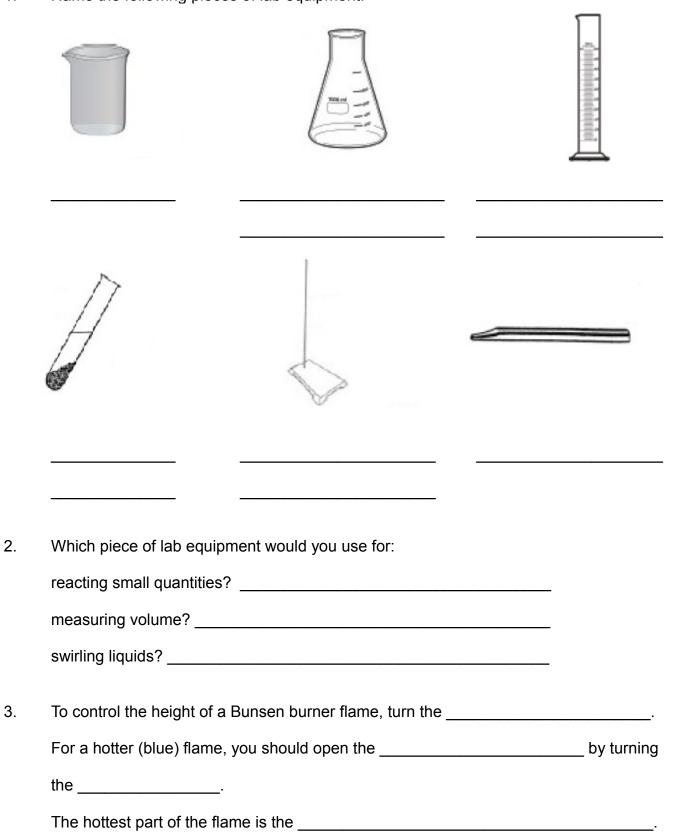
	Date:				
		Scientific II	nvestigation Skills SNC2P	Review	
Part	1: Scienc	e Safety			
1.	What does WHMIS stand for?				
2.	What does MSDS stand for?				
3.	Identify the following WHMIS symbols:				
Syn	nbol	Meaning	Symbol	Meaning	
4.	When should you wear your safety glasses?				
5.	What should you <u>not</u> wear during a chemistry lab?				
6.	Where should your lab stool be during a chemistry lab?				
7.	What should you do in the event of an accident?				

Name: _____

Part 2: Lab Equipment

2.

1. Name the following pieces of lab equipment:

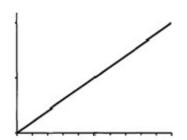


Part 3: Units of Measurement

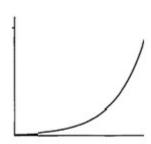
1. In SI, what is the base unit for each of the following physical quantities? distance time mass 2. What is the name of each of the following metric prefixes, and what factor of 10 do they represent? Prefix Name Factor k С m μ 3. Convert: (a) 1.5 kg to g (b) 35 cm to m (c) 0.25 m to mm 4. Convert: (a) 12 in to cm, given that 1 in = 2.54 cm $12 \text{ in} \times (------)=$ (b) convert 160 lb to kg, given that 1 kg = 2.2 lb: 160 lb×(-----)=

Part 4: Graphing

- 1. Graphs must be numbered and ______.
- 2. The axes must be labelled with the _____ (including _____).
- Points are plotted in pencil with a _____ around each sharp dot. 3.
- A ______ or ____ of best fit is drawn through 4. the points. (Do NOT connect the dots.)
- 5. Describe the relationship illustrated by each of the graphs below:



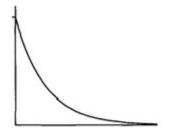
As one variable increases, the other



As one variable increases, the other



As one variable increases, the other As one variable increases, the other



Part 5: The Scientific Method

1. In an experiment, the variable changed by the experimenter is called the

variable.

2. The variable for which the experimenter measures the response is called the

_____ variable.

3. All other variables are kept the same and are called _____ variables.