

Student Name: _____

Date: _____

Period #: _____

Unit 1: Quiz 2

Physics Vocabulary & Physical Quantities of Interest

1. Identify which of the following definitions is a vector and which one is a scalar by circling the correct choice.

(Vector / Scalar): A physical quantity with direction as well as magnitude, for example, velocity or force. It is commonly denoted by an arrow drawn with a length proportional to the given magnitude of the physical quantity and with direction shown by the orientation of the head of the arrow.

(Vector / Scalar): A quantity that has only magnitude and no direction, such as temperature or time.

2. The seven SI base units are listed in the table below. Complete the table by filling in the missing entries.

Quantity	SI Unit	
	Name	Symbol
Length		m
Mass	kilogram	
Time		
Temperature		K
Electric Current	ampere	
Luminous Intensity		cd
Amount of a substance		mol