

Note Taking Guide - Episode 301, Part 1

Ground rules:

1. During this unit we will describe _____, not its _____.
2. Objects will be considered to be single _____.
3. All motion will be considered relative to the _____ as a frame of reference.

Speed -

Speed = _____

Velocity -

Velocity = _____

general equation
for both:

$$v = \frac{\Delta x}{\Delta t}$$

Types of velocity:

- _____ velocity defined as _____ in an _____
- _____ velocity defined as $V_{avg} = \frac{\Delta x}{\Delta t}$

To determine velocity in the lab, we can use a tape _____.

A paper _____ moves through the timer while the vibrating arm makes _____ at regular _____ intervals.

_____ is measured with a ruler.

_____ is determined by counting _____ and multiplying by the constant time interval between dots.