

Section 9.2

Calculating Acceleration

Before You Read



1. Words to Know

Directions: Match the correct definition to the term on the left.
Scan pages 392 – 400 to find the definitions.

Words to Know	Definition
___ acceleration due to gravity	A. this would be used to represent the motion of an object whose velocity is constantly changing
___ air resistance	B. the slope of a velocity-time graph
___ average acceleration	C. a pulling force that acts between two or more masses
___ constant acceleration	D. Galileo suggested that in the absence of air resistance all objects, regardless of their weight, would fall with this same constant acceleration
___ gravity	E. when an object's velocity is changing at a constant rate
___ velocity-time graph	F. a friction-like force that opposes the motion of objects that move through the air

2. Predicting the Main Ideas of Section 9.2

Directions: Scan pages 392 – 400 looking at the pictures and titles within this section. Predict three things you think you will learn in this section.

1. _____

2. _____

3. _____

