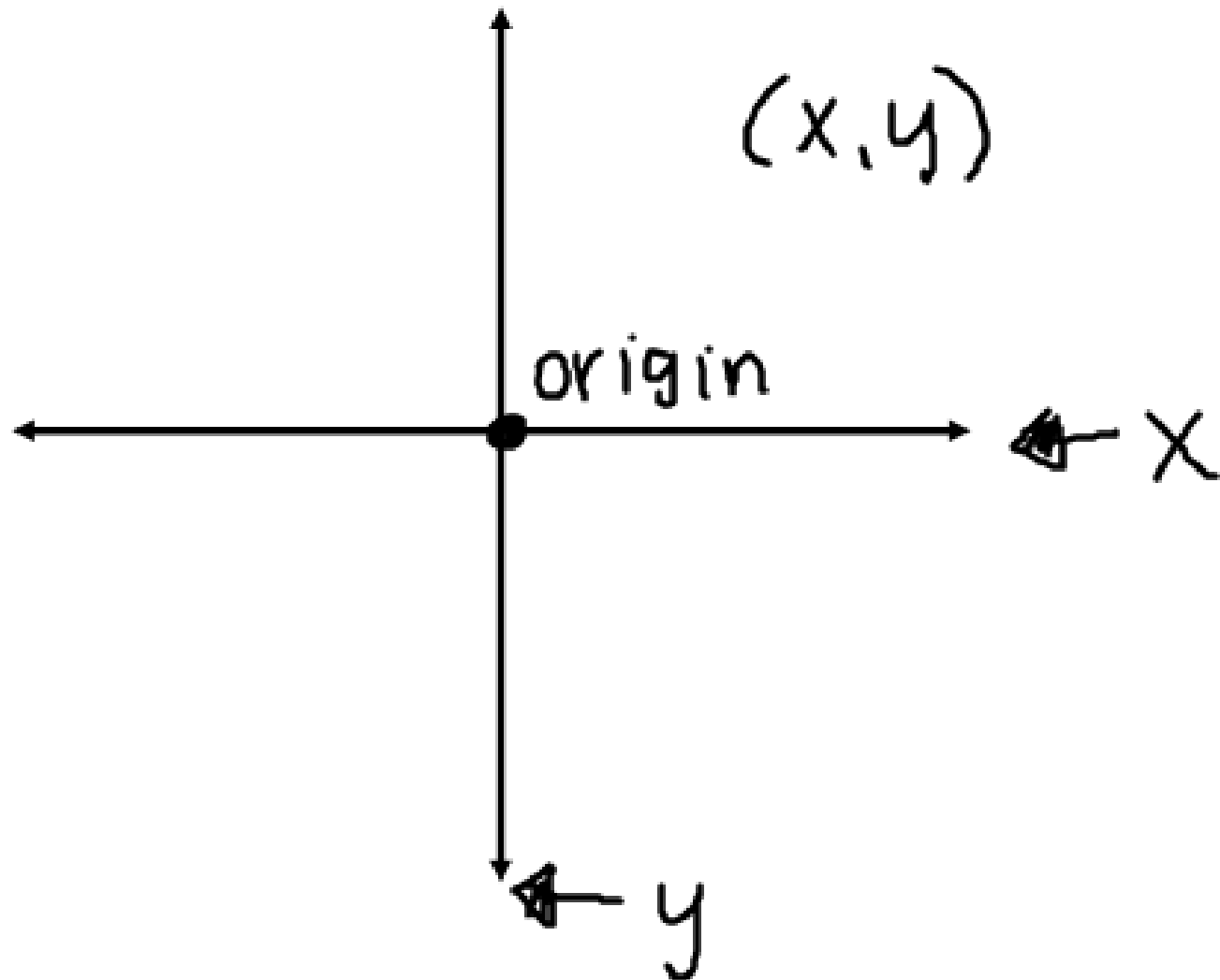


1 - 8

Graphs and Functions

coordinate plane



Types of Variables

independent: usually on x-axis

dependent: usually on y-axis



Ex: In general, the price of gasoline slowly and steadily increases throughout the year.

Independent: time of year

Dependent: price of gasoline



Ex: The profit that a business makes generally increases as the price of their product increases.

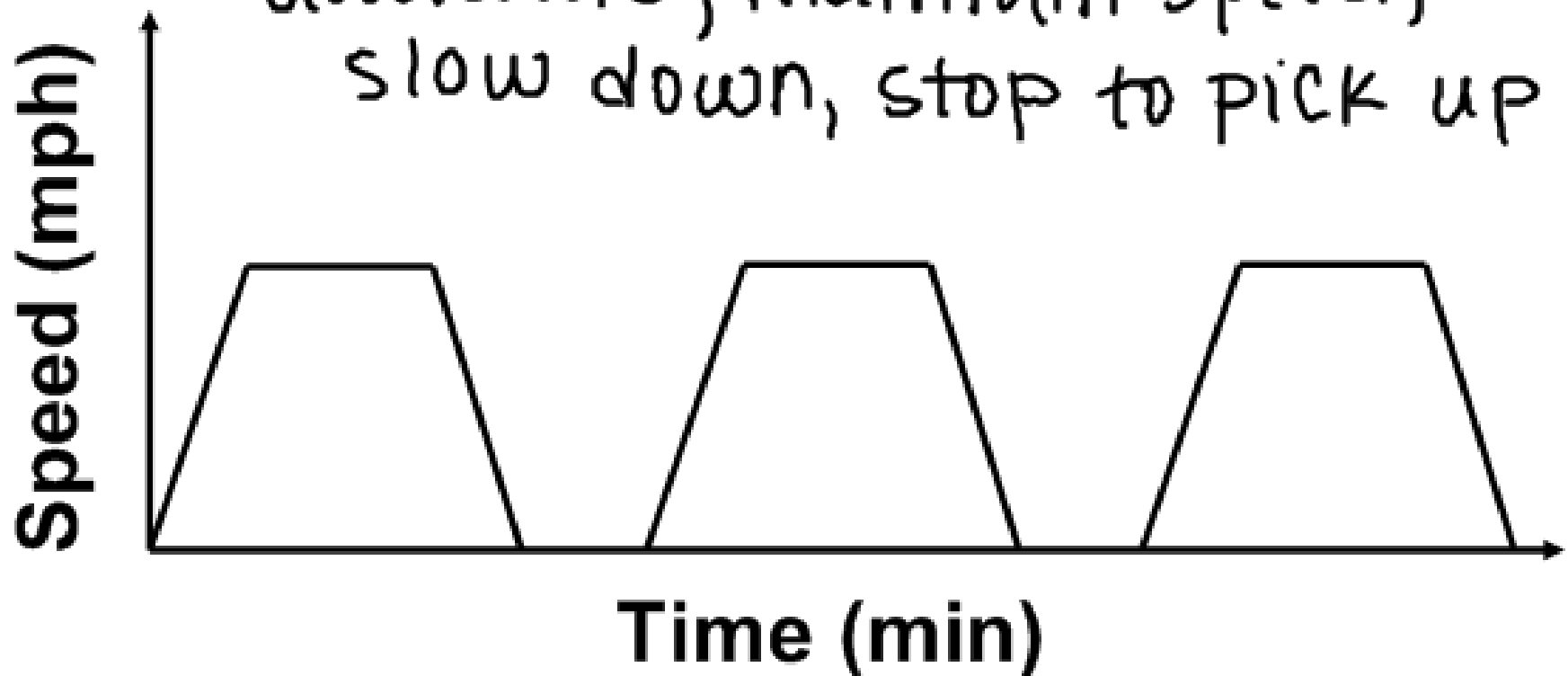
Independent: price of product

Dependent: profit

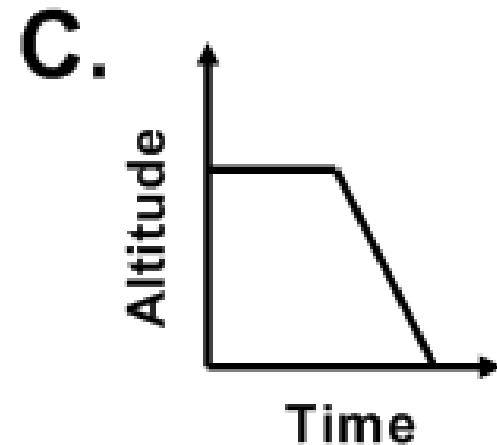
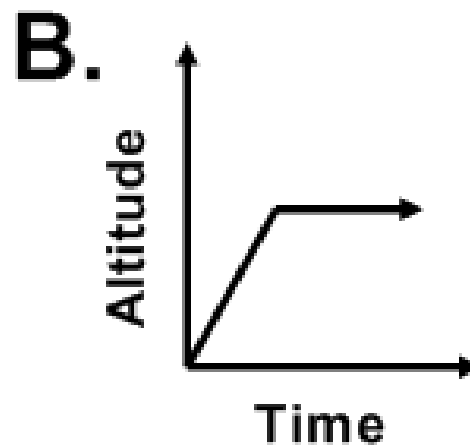
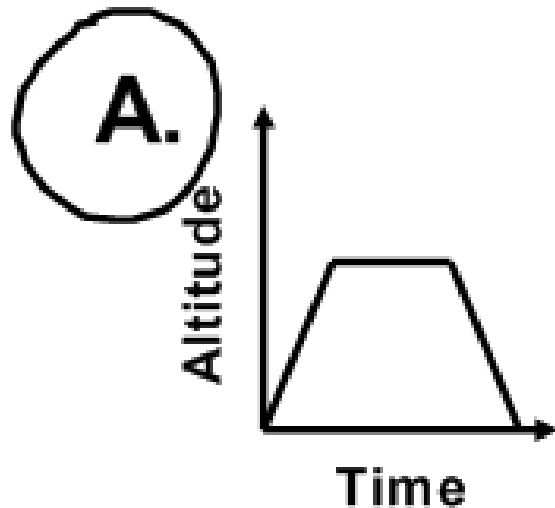


The following graph shows the speed of a school bus traveling along its morning route. What is happening?

accelerate, maintain speed,
slow down, stop to pick up



Which of the following graphs represents the altitude of a space shuttle above Earth from the moment it is launched until the moment it lands.



Homework:

1 - 8 WS (both sides)

