


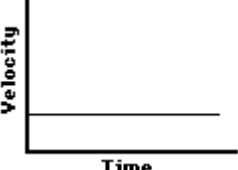


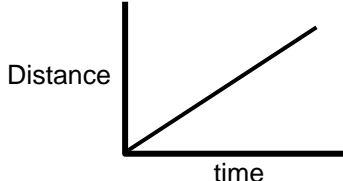
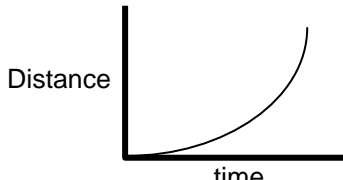


# Vectors and Forces

Honors Physics 2008/09

A net force (i.e., an unbalanced force) causes acceleration. In the motion unit, several means of representing accelerated motion were discussed. Combine your prior understanding of acceleration with your newly acquired knowledge that a net force causes an acceleration to determine whether a net force exists in the following situations.

Description of Motion	Net force Yes or No Explain why
	Yes, because the object is speeding up
	No, the object is moving at constant Velocity
	Yes, because the object is slowing down
	No, the object is moving at constant Velocity
	Yes, because the object is slowing down
	Yes, because the object is speeding up
	No, the object is moving at constant Velocity
	Yes, because the object is speeding up