

## Sketching Graphs of Motion

1.) Sketch a distance vs time graph which shows:

a.) forward constant velocity

b.) forward acceleration

c.) backward constant velocity

d.) backward acceleration

e.) forward deceleration

f.) backward deceleration

g.) object at rest

2.) Sketch a velocity vs time graph which shows

a.) forward constant velocity

b.) forward acceleration

c.) backward constant velocity

d.) backward acceleration

e.) forward deceleration

f.) backward deceleration

g.) object at rest