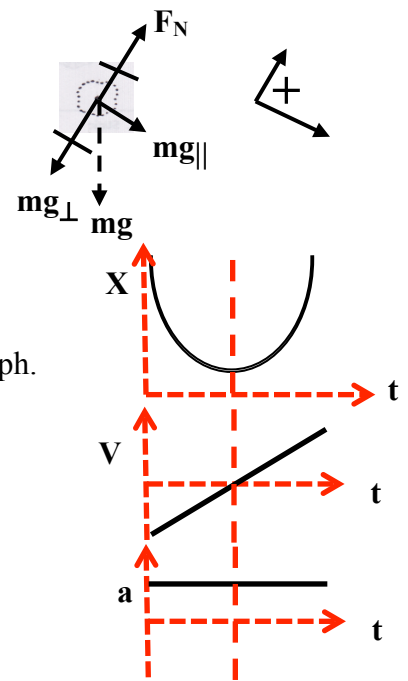


If a force diagram is unbalanced in the **POSTIVE** direction then you have constant **POSTIVE** acceleration.

Then you will have a concave **UP** position vs time graph.

Then you will have a constant **POSTIVE** slope on the velocity vs time graph.

Then you will have a constant horizontal line in the **POSTIVE REGION** of the acceleration vs time graph



If a force diagram is unbalanced in the **NEGATIVE** direction then you have constant **NEGATIVE** acceleration.

Then you will have a concave **DOWN** position vs time graph.

Then you will have a constant **NEGATIVE** slope on the velocity vs time graph.

Then you will have a constant horizontal line in the **NEGATIVE REGION** of the acceleration vs time graph

