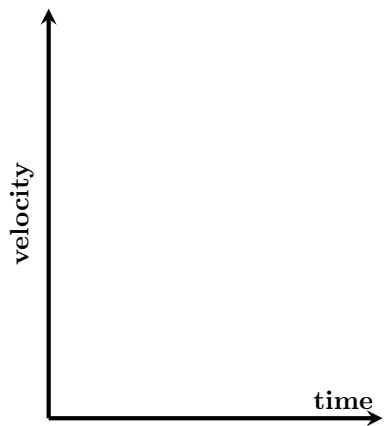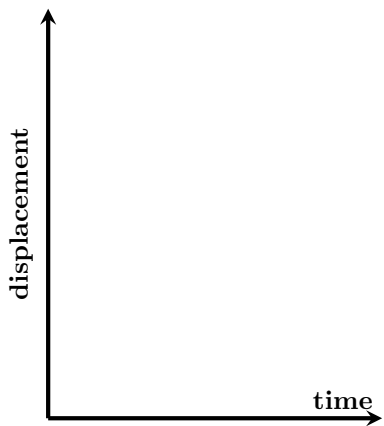Consider a graph of an object moving forward and slowing down.

What we can learn from graphs:

Displacement Graphs

slope =

moving forward:

moving backward:

fast:

slow:

Velocity Graphs

slope =

moving forward:

moving backward:

fast:

slow: