Speed and Velocity:

distance = the total length

time = speed

time = speed

time

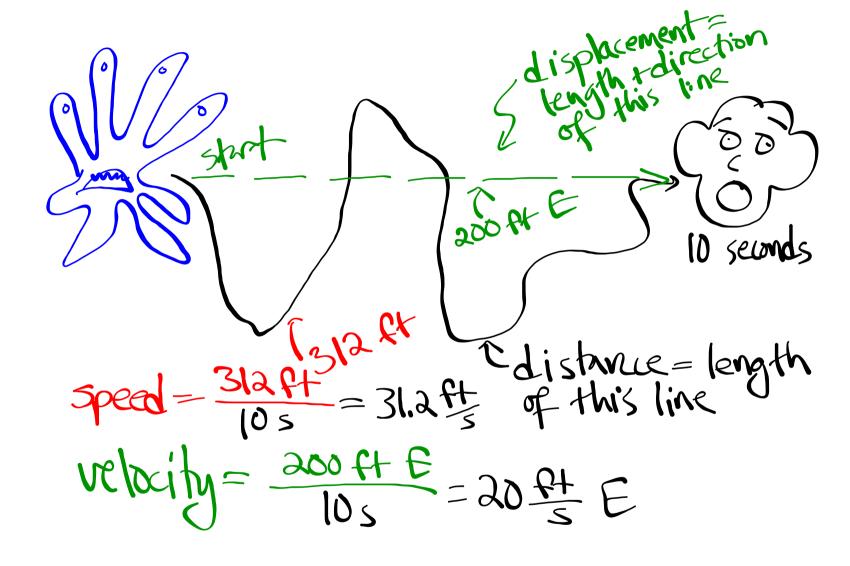
displacement = the shortest kngth
between where an
object starts & stops
WITH DIRECTION

TIME

What is the position from top velocity of racer? to the bottom of the ramp

If an object moves in a straight line, distance = displacement and speed = relocity

distance = displacement speed = velocity



One dimensional motion (back à forth in a straight line) is when displacement is more useful:

X distance = displacement x

distance = displacement

· Finish top/side views of racer in A+CAD (dimension!) · Goal Bor Tuesday

Safety contract

Safety test

Safety glasses

At CAD drawing