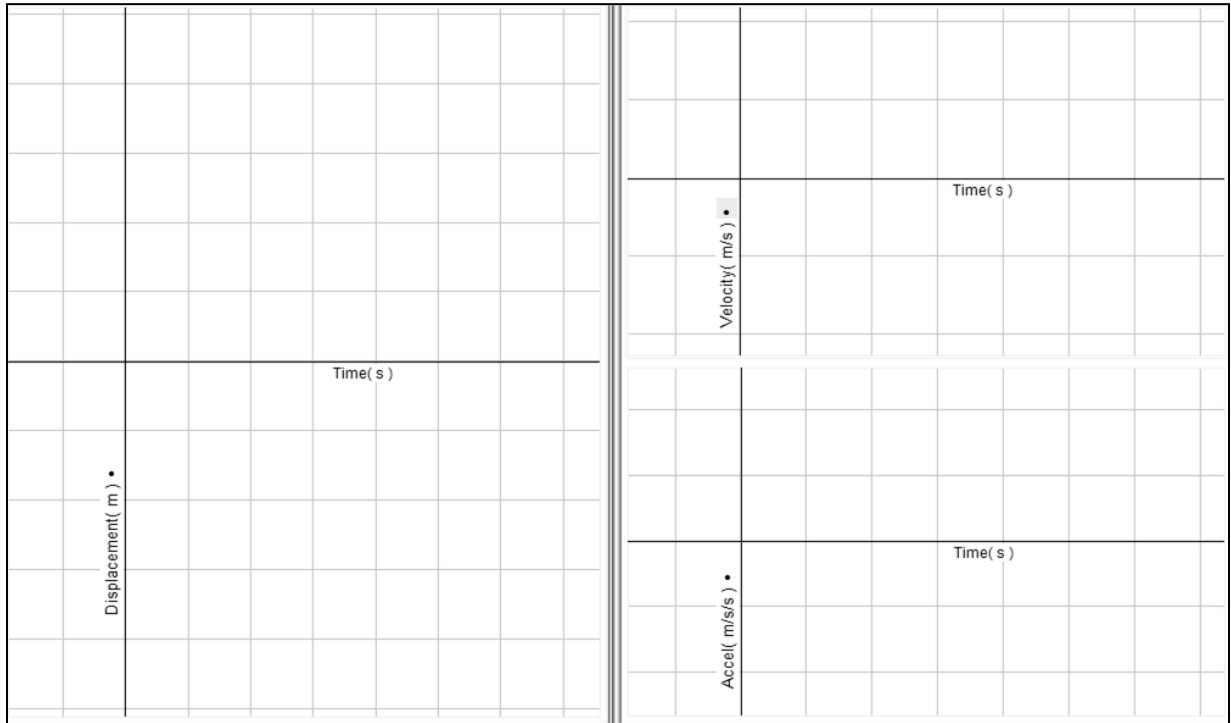


----- Demonstration -----
 Consider the motion once the ball is released and just before it hits the floor.

----- Predictions -----



Describe the slopes of your graphs.

P-t	V-t	a-t
-----	-----	-----

Where did you assume the “zero” point was for this demonstration?

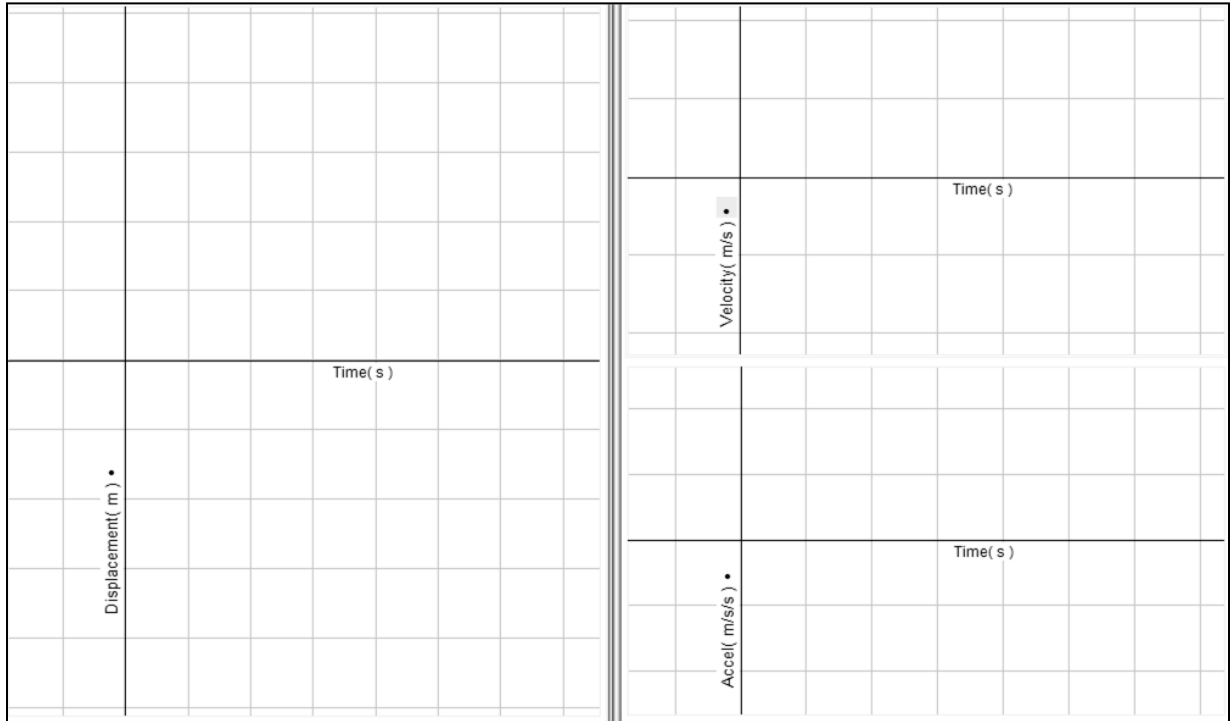
What direction did you define as positive?

----- Partner Discussion -----

----- Class Discussion -----

----- Physics Speaks -----

----- Results -----



Where was the “zero” point for this demonstration?

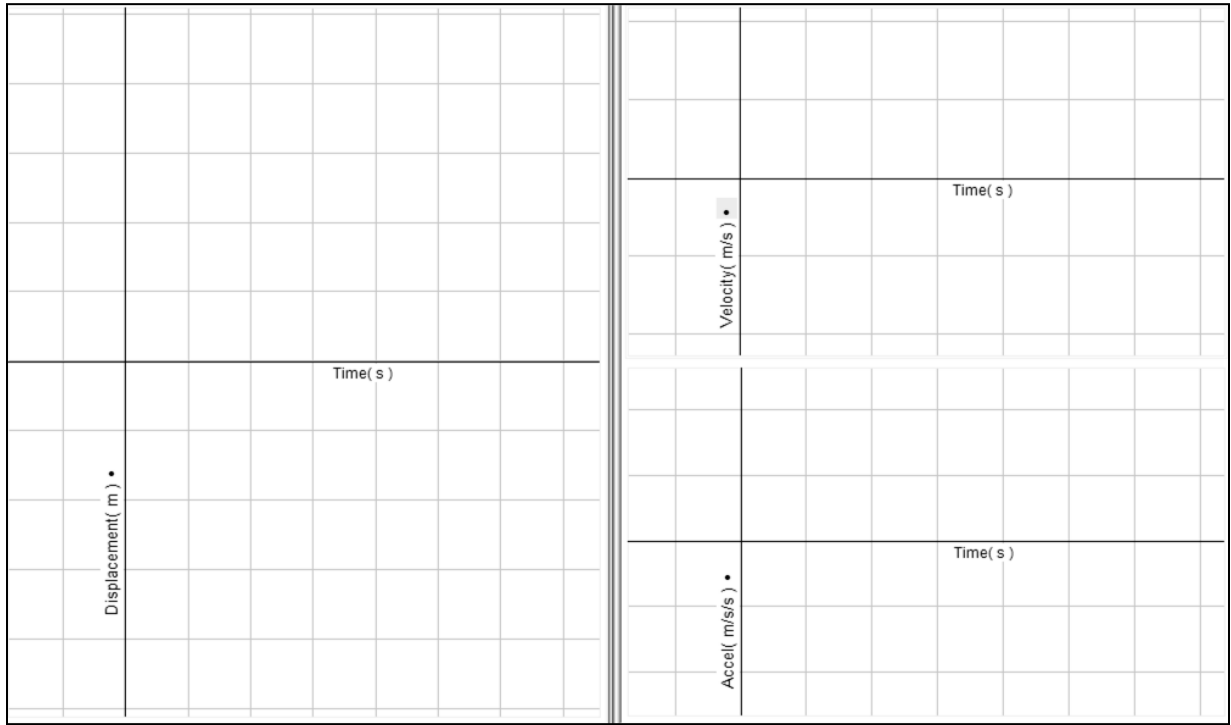
What direction was positive?

In words describe how the **speed** of the ball behaves as the object moves downward. Add as much detail to your description (without referring to actual numbers) as needed to give a full account of the behavior of the **speed** of the ball in free fall.

Make a claim about the acceleration of the ball during free fall?

----- Demonstration -----
 Consider the motion once the ball leaves my hand and just before it hits the floor.

----- Predictions -----



Describe the slopes of your graphs.

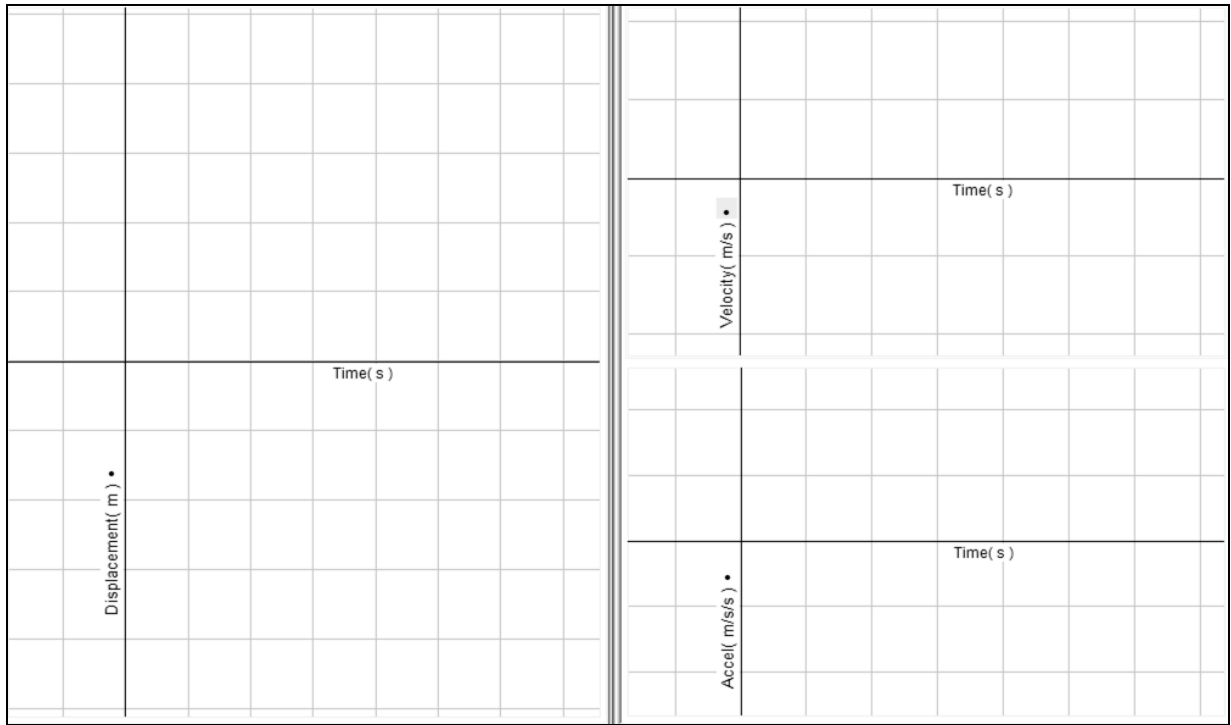
P-t	V-t	a-t
-----	-----	-----

----- Partner Discussion -----

----- Class Discussion -----

----- Physics Speaks -----

----- Results -----



Compare and contrast the d-t, v-t and a-t graphs for the motion of the ball tossed in the air.

Distance-time

Velocity-time

Acceleration-time

----- Extend -----