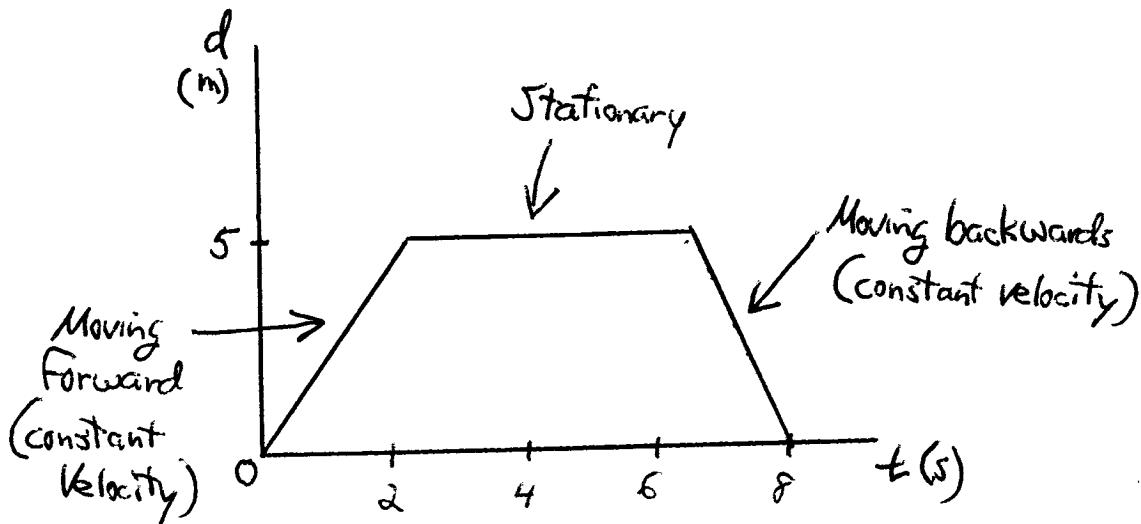


Displacement - Velocity - Acceleration Review Physics R

Displacement vs. Time Graph

- Slope = average velocity
- Increasing line = moving forward
- Decreasing line = moving backwards
- Slope of 0 = stationary or no motion



Velocity vs. Time Graph

- Slope = acceleration
- Area under curve = displacement
- Decreasing line = deceleration or slowing down
- Line below 0 = moving backwards
- Average velocity = $(v_f + v_i)/2$

