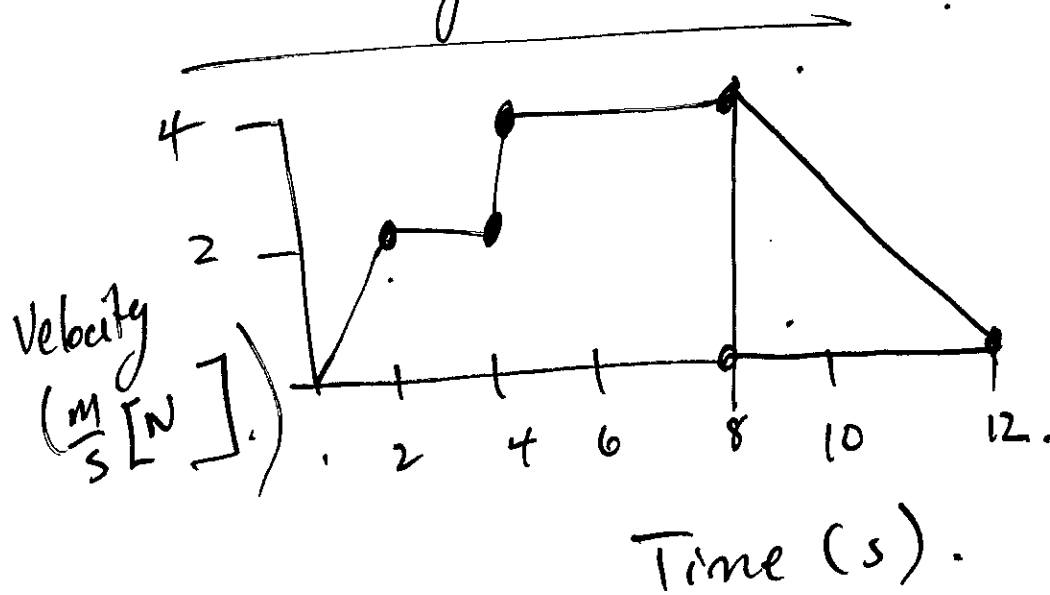


Velocity Question

If a car is moving... North?



① What times is the car accelerating?
or
decelerating?

② When is the car at a constant (zero) motion?

③ What is the displacement of the car at time = 2 and time = 4?

Projectile Motion

If a ball is thrown & caught ~~in~~ at the same time, for 4 seconds;

A) Determine the v_i .

B). Determine the maximum height.

Energy Questions

Given. 12 g of water falling.
a height of. 6 km, .

1) What is the energy in the system?

2) What is the velocity

3). What is the energy required to.
evaporate 45 g, .

Electricity.

A) If a $3\ \Omega$, $6\ \Omega$, $18\ \Omega$, what is the Req. ~~and a~~.

B) Given a 6V battery, what is the current?

C) What is the current through only the $18\ \Omega$ circuit?