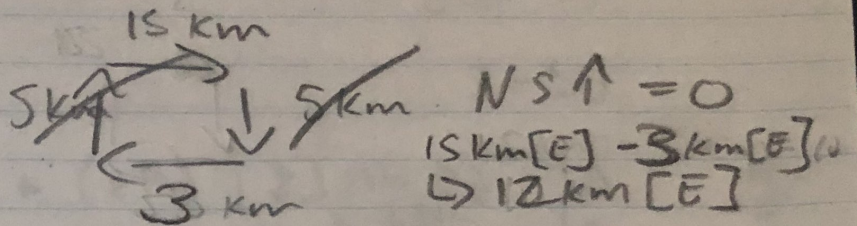


Quiz Physics #1

1. (c)

3. (d)

4. (b)



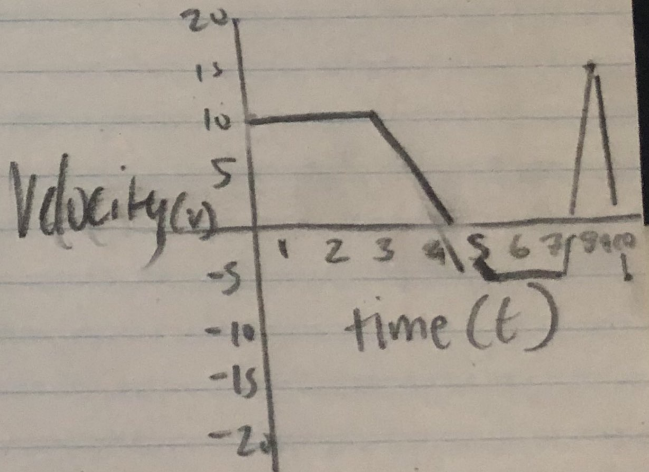
6. (b)

4. (a)

8. (c)

Velocity × time

5. Slope	x coord.
$\frac{30}{3} = 10$	0 - 3 s
$-\frac{10}{2} = -5$	3 - 5 s
0	5 - 7 s
$\frac{20}{1} = 20$	7 - 8 s
$-\frac{40}{2} = -20$	8 - 10 s



A.

$$V_i = 63 \text{ m/s [s]}$$

$$a = 2.8 \text{ m/s}^2 \text{ [s]}$$

$$t = 4.0 \text{ s}$$

$$\Delta d = ?$$

$$\Delta d = 63 \text{ m/s [s]} (4 \text{ s}) + \frac{1}{2} (2.8 \text{ m/s}^2 \text{ [s]}) (4 \text{ s})^2$$

$$\Delta d = 274.4 \text{ m}$$

Total time : 37 mins 49 secs