1. Graph in the figure shows the position of a n object in time
    a. HI J K
2. Shows graph of X as of time for an object moving in a straight line. Which describes velocity along x axis as a function of time
    a. D
3. Two objects are dropped from a bridge, an interval of 1.0 sec apart. Difference in their speeds as time progresses?
    a. Remains constant
4. A student slides a box across a level floor in a straight horizontal path as shown in the picture. At time t1 the box is moving to the right
5. Cars A,B,C,D are giving along a straight track.
6. Average speed between 1 and 2
    a. Slope of position vs time
7. Order magnitude of a cart as it goes down (ABCD intervals) w/ graph
8. Throws a rock from cliff 20 m. Vo is 10 m/s horizontally Distance from base of cliff is most nearly?
    a. 20 = 9.8t^2/2, x = t*10
9. A block is projected up a frictionless plane (gsintheta)
    a. 9
    b. B 5m^2 down the incline (correct)
    c. 10m/s^2 up the incline
    d. Cant be calculated without knowing the value of Vo
10. Boat, river, passenger relative velocity
11. Car is travelling at va. At t=0 it passes car B at rest. B begans to accel with ab. Car B has a velocity
    a. Find x of car A by doing va * t
    b. Find x of B by doing at^2/2

Test 1 is out of 90 points, normally tests have 12 mcq -> 48 pts total . So 42 points for frq. So 13 for frq and multiply by 4

First question out of 12, second out of 9
Frq is from AP test bank, modified point values

1.

a) When is the cart at rest (velocity is 0, graph shows velocity v time)
b) When is speed increasing?
c) S
d) Acceleration vs time
e) Cart leaves the track
    i) Determine time it takes for the car to hit the floor
    ii) Determine the horizontal distance
f)