B — velocity + acceleration graphs
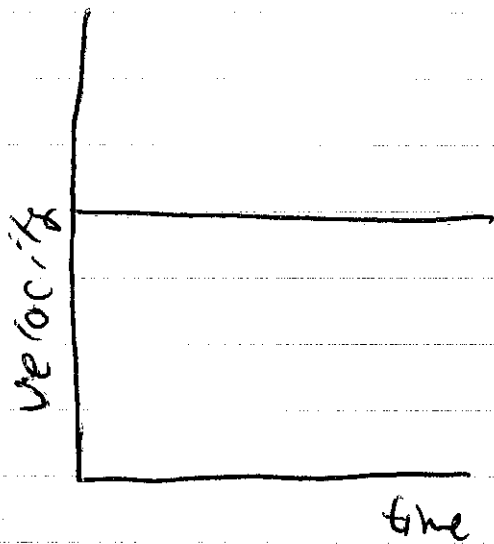## Level 1

What is this thing doing?
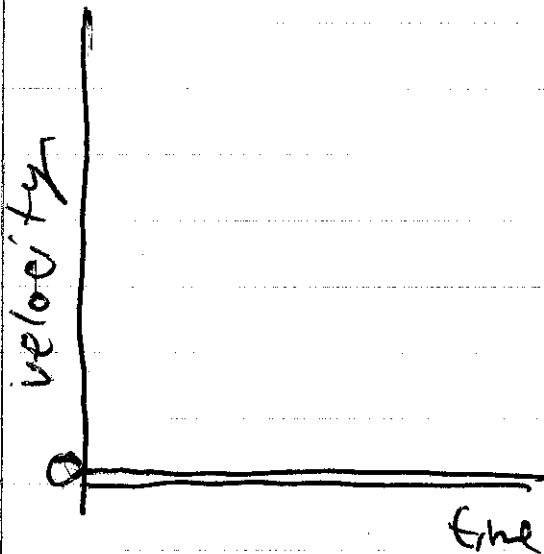

(A̶) ~~speed~~

(A) moving at a constant speed

(B) speeding up

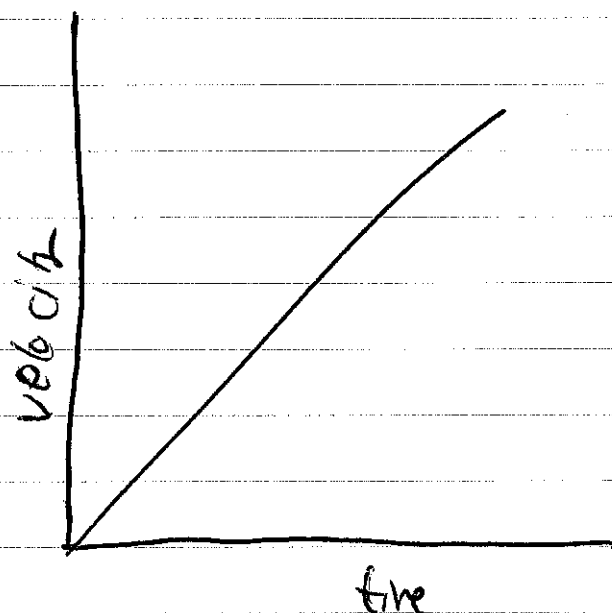(C) slowing down

(D) not moving

What is this thing doing?

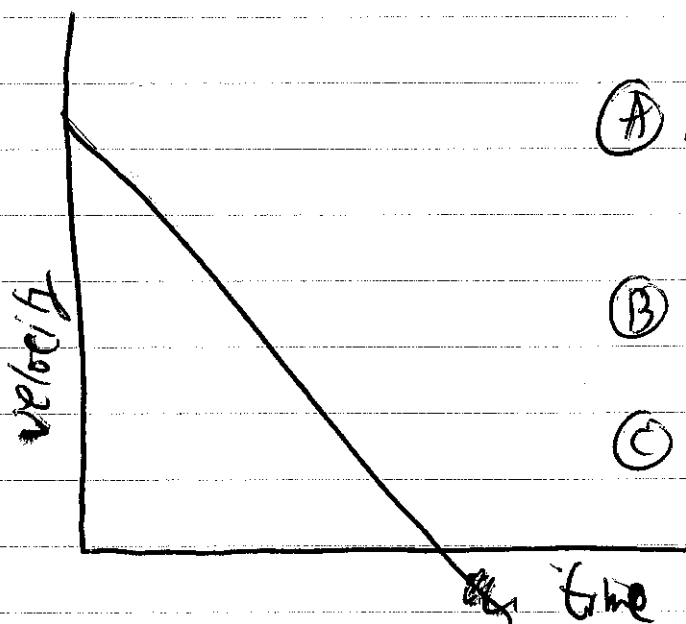(A) moving at a constant speed

(B) speeding up

(C) slowing down

(D) not moving

B 2

velocity / time

(A) moving at a constant speed

(B) speeding up
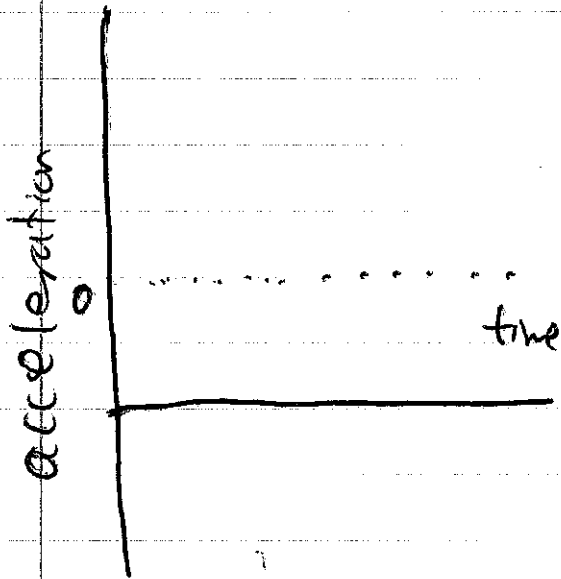
(C) slowing down

(D) not moving

velocity / time

(A) moving at a constant speed

(B) speeding up

(C) slowing down

(D) not moving

3

The following graphs depict an object that is either moving forward or not moving.
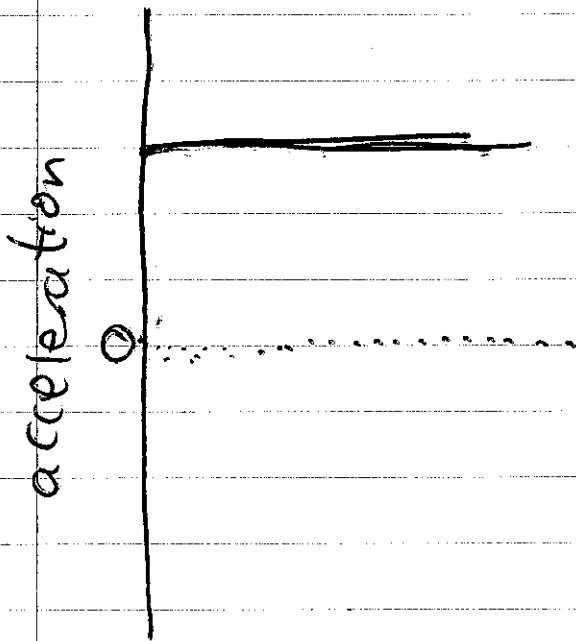
acceleration

0 ········· time

(A) Moving at a Constant speed
(B) Speeding up
(C) slowing down
(D) not moving
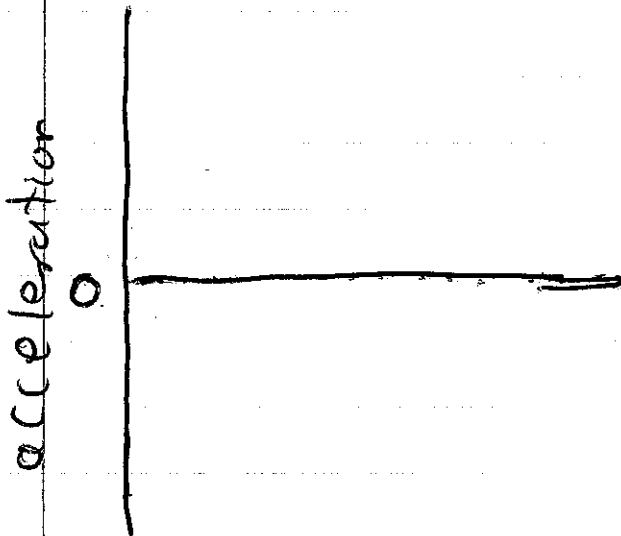
Pich __2__ choices

(A) moving at a constant speed

(B) speeding up

(C) slowing down

(D) not moving

acceleration

0

acceleration

A) moving at a constant speed

B) speeding up

C) slowing down

D) not moving

C - Kinematic Graph Connection

Level 2

On the next page are 11 kinematic graphs. Please categorize them based on what type of motion they describe.

There are ~~8~~ 4 groups of 3 graphs. One graph is utilized _twice_.

Category 1: Moving at a constant speed

Category 2: Not Moving

Category 3: Speeding up

Category 4: Slowing down