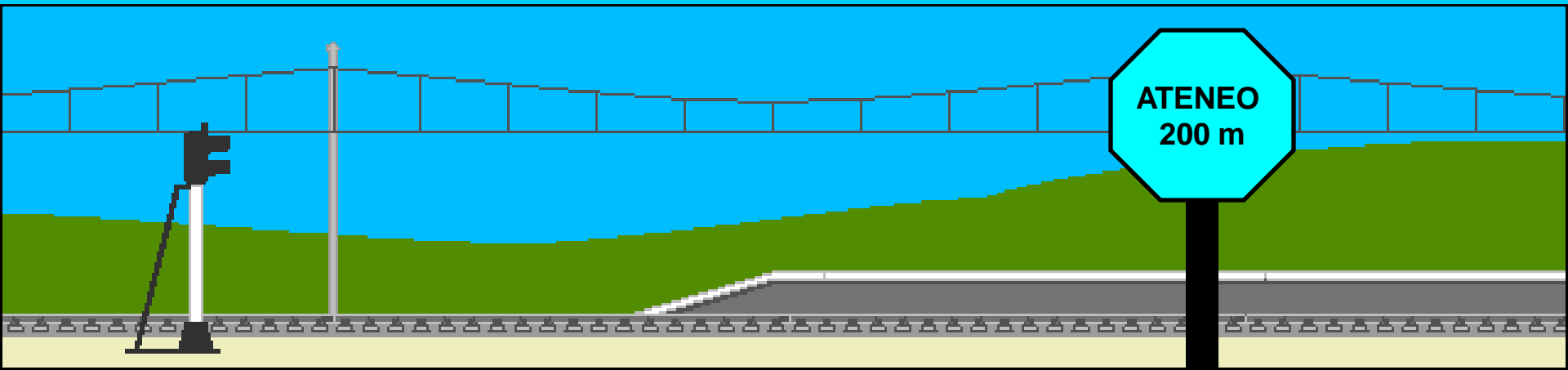
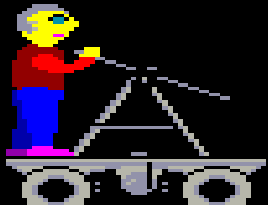


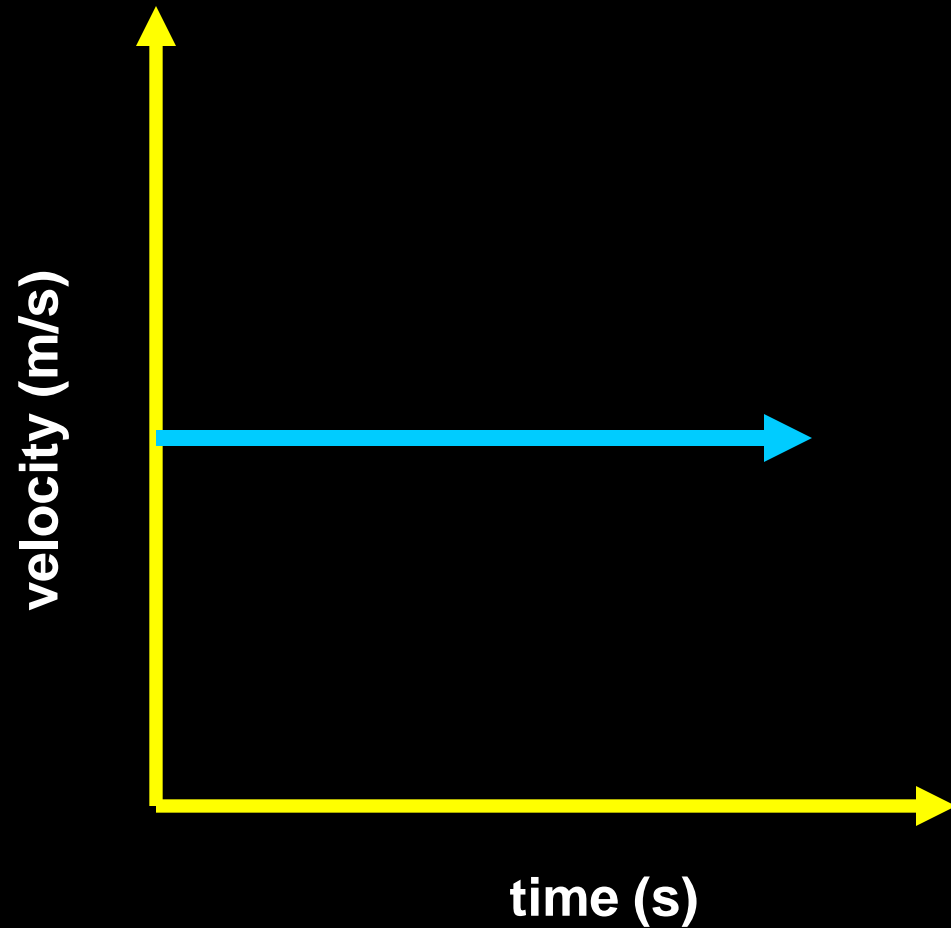
ACCELERATION



- define acceleration
- find the slope of the velocity-time graph
- differentiate average acceleration from instantaneous acceleration

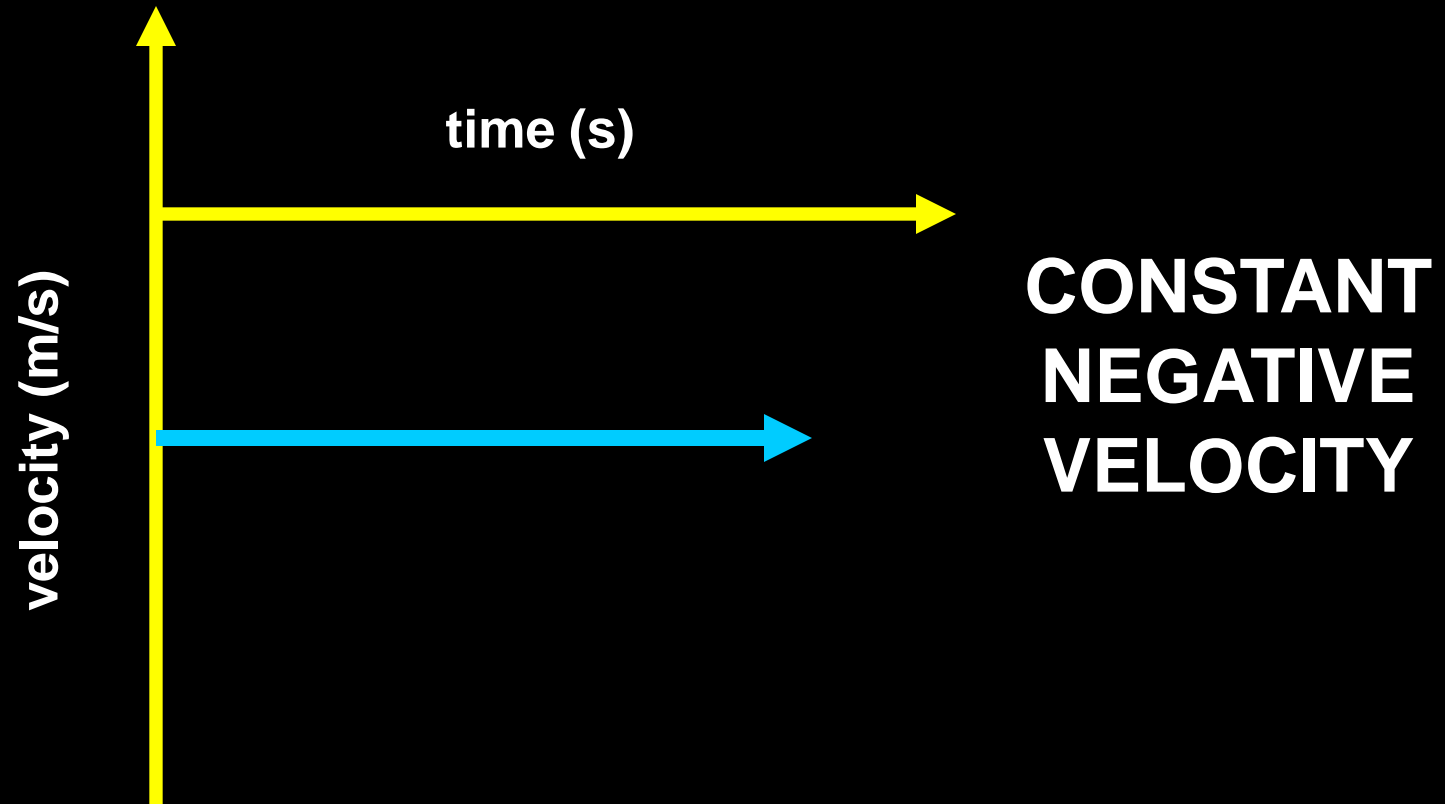


REVIEW

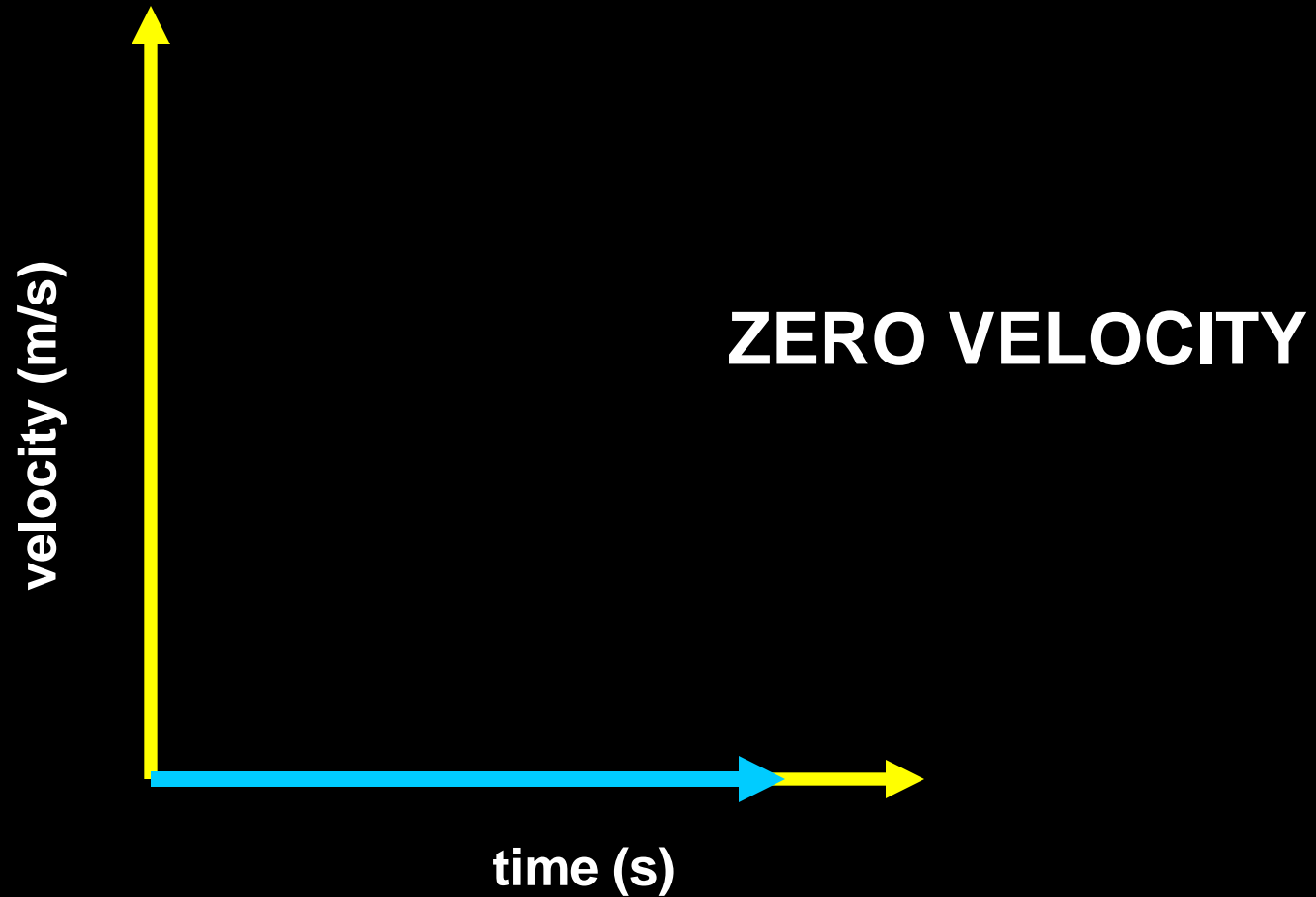


**CONSTANT
POSITIVE
VELOCITY**

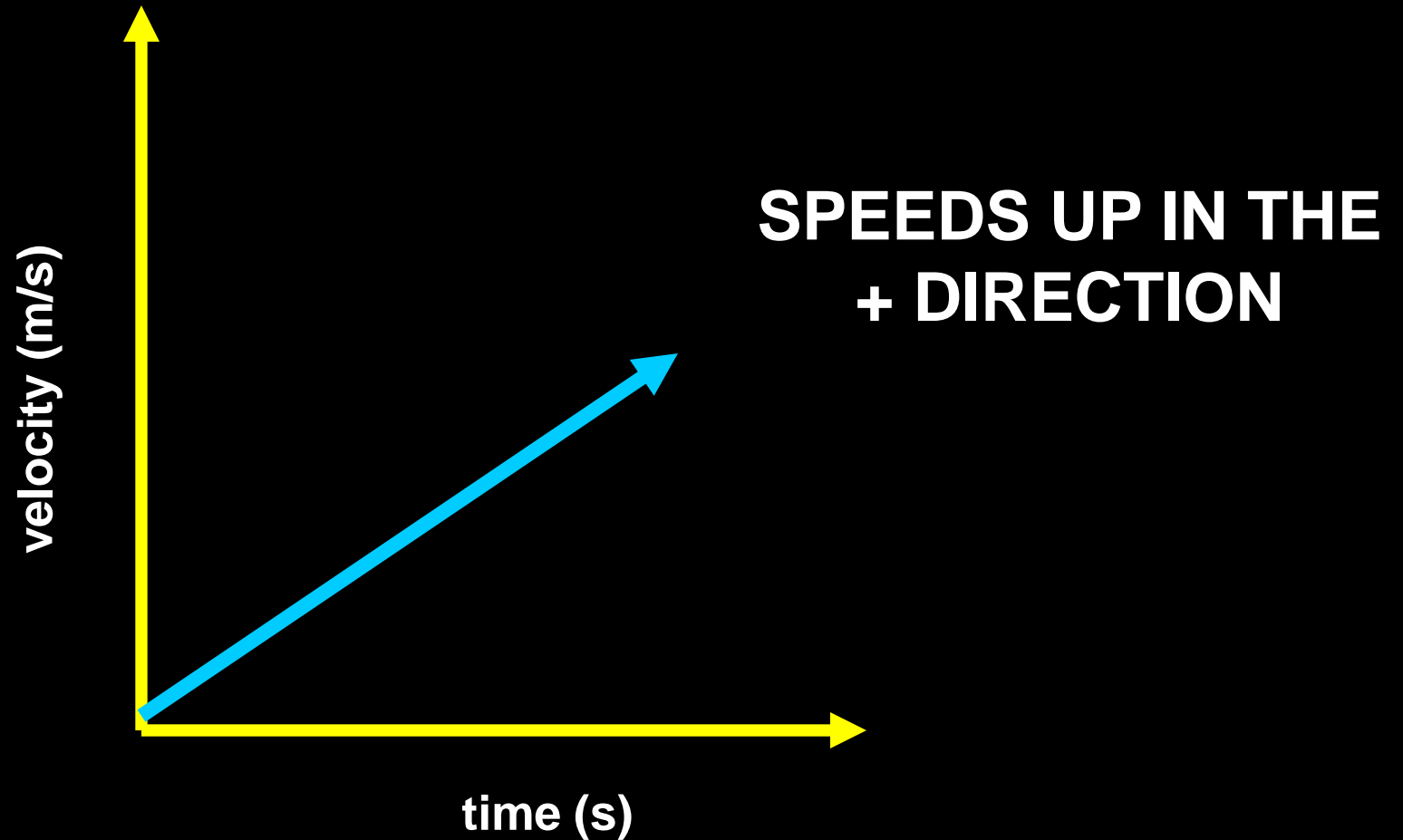
REVIEW



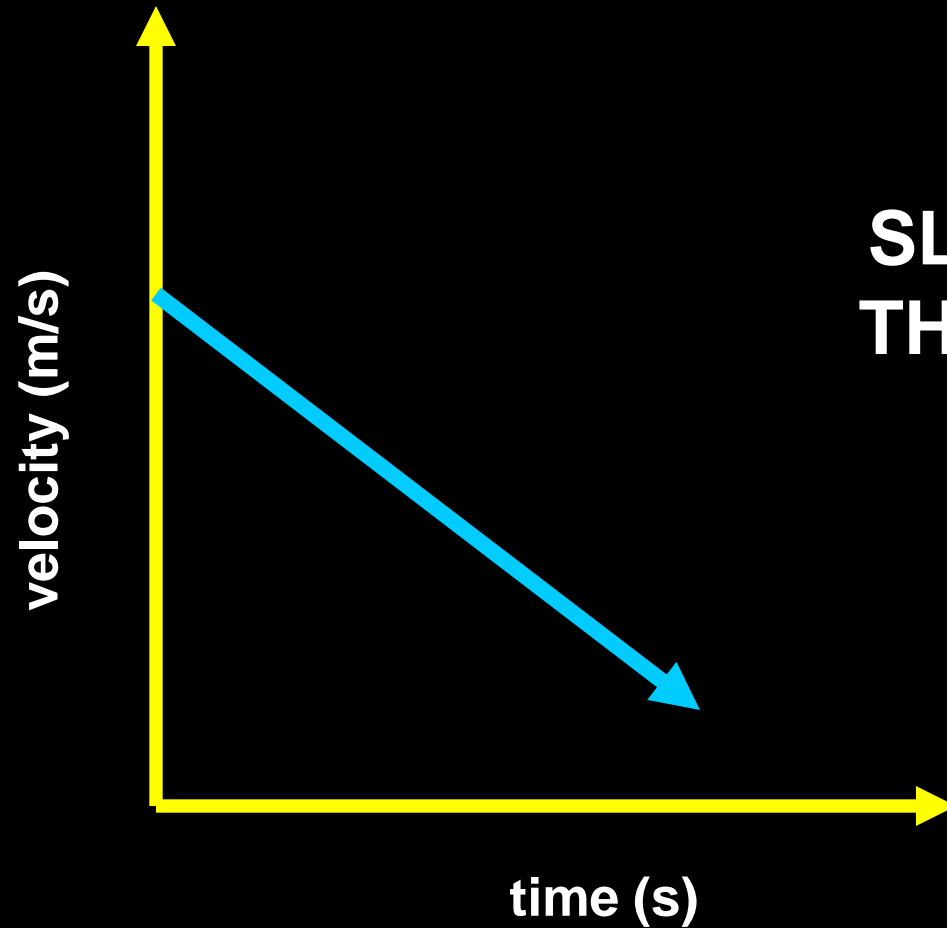
REVIEW



REVIEW

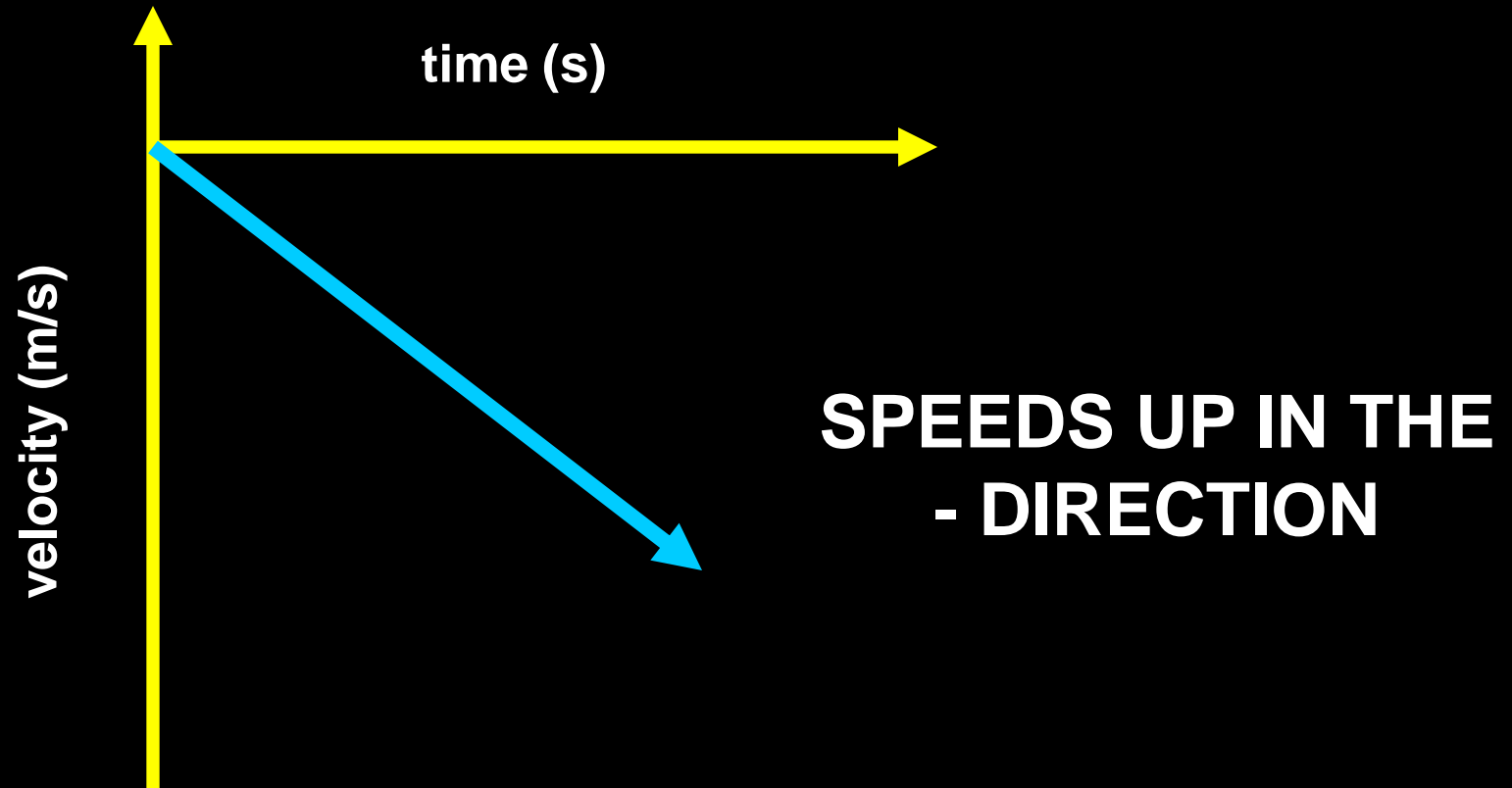


REVIEW

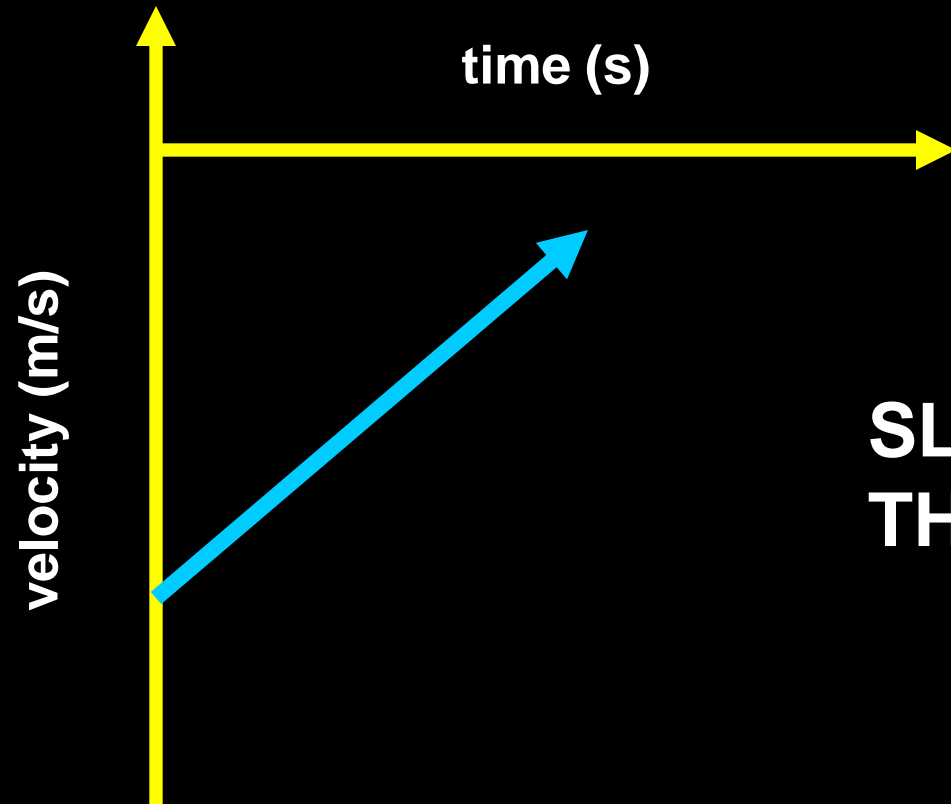


**SLOWS DOWN IN
THE + DIRECTION**

REVIEW

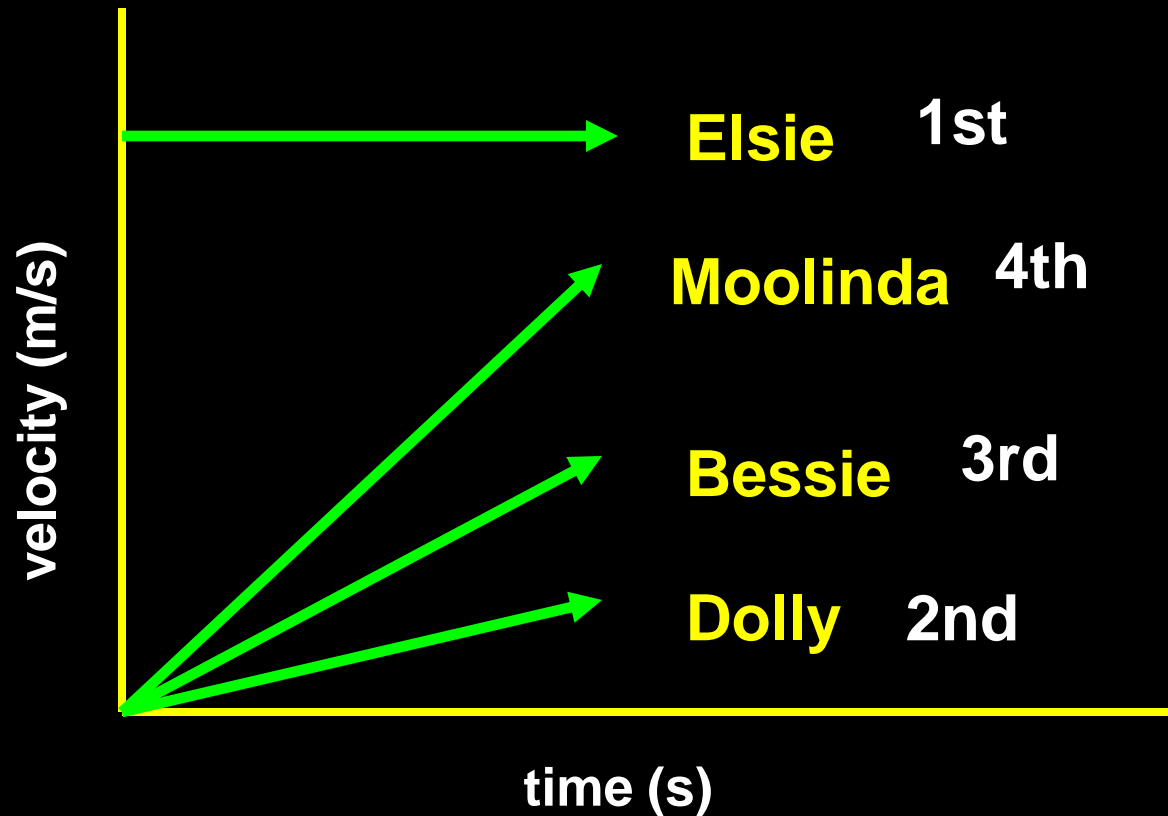


REVIEW



**SLOWS DOWN IN
THE - DIRECTION**

Rank the following from the least to the greatest acceleration

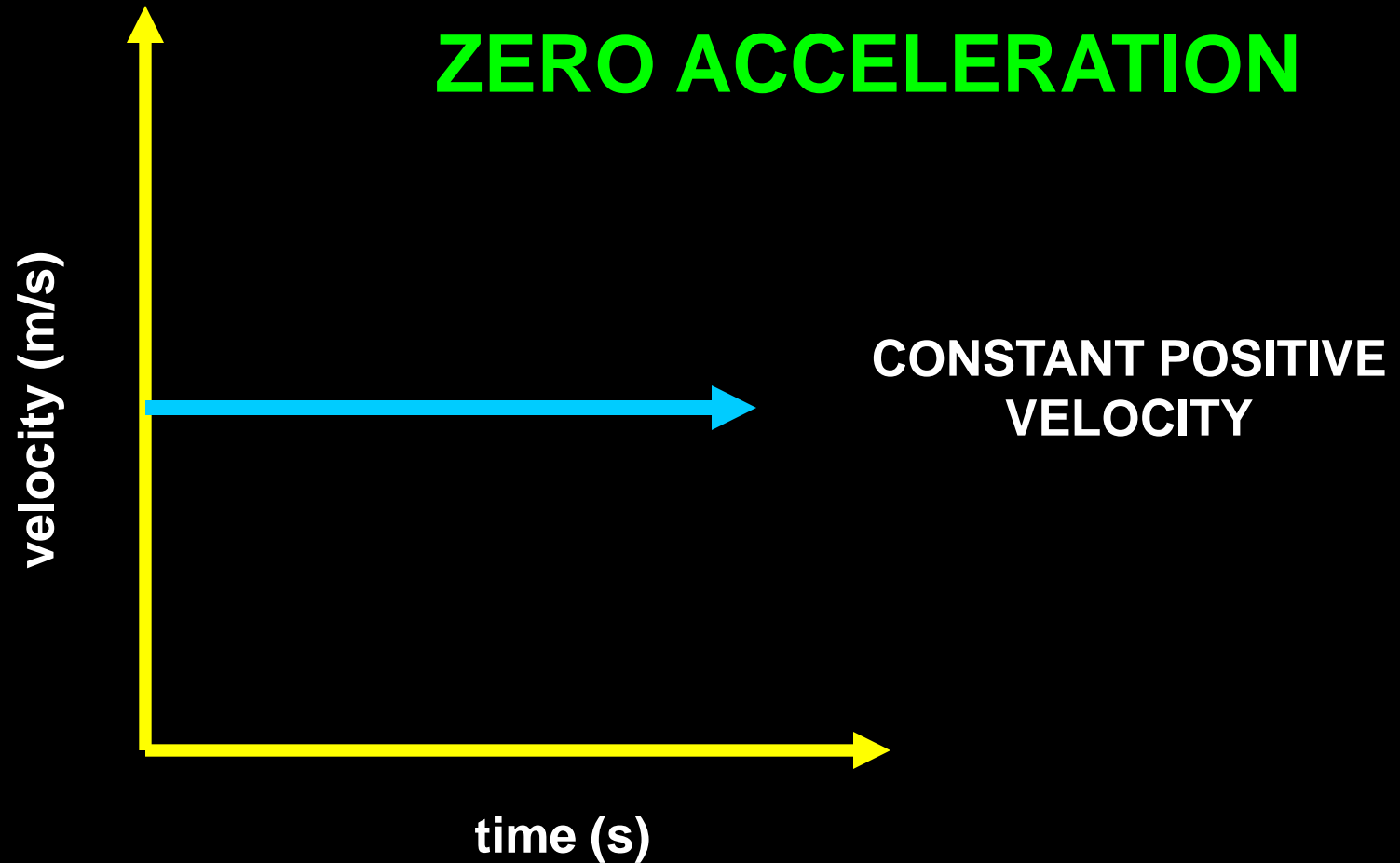


ACCELERATION

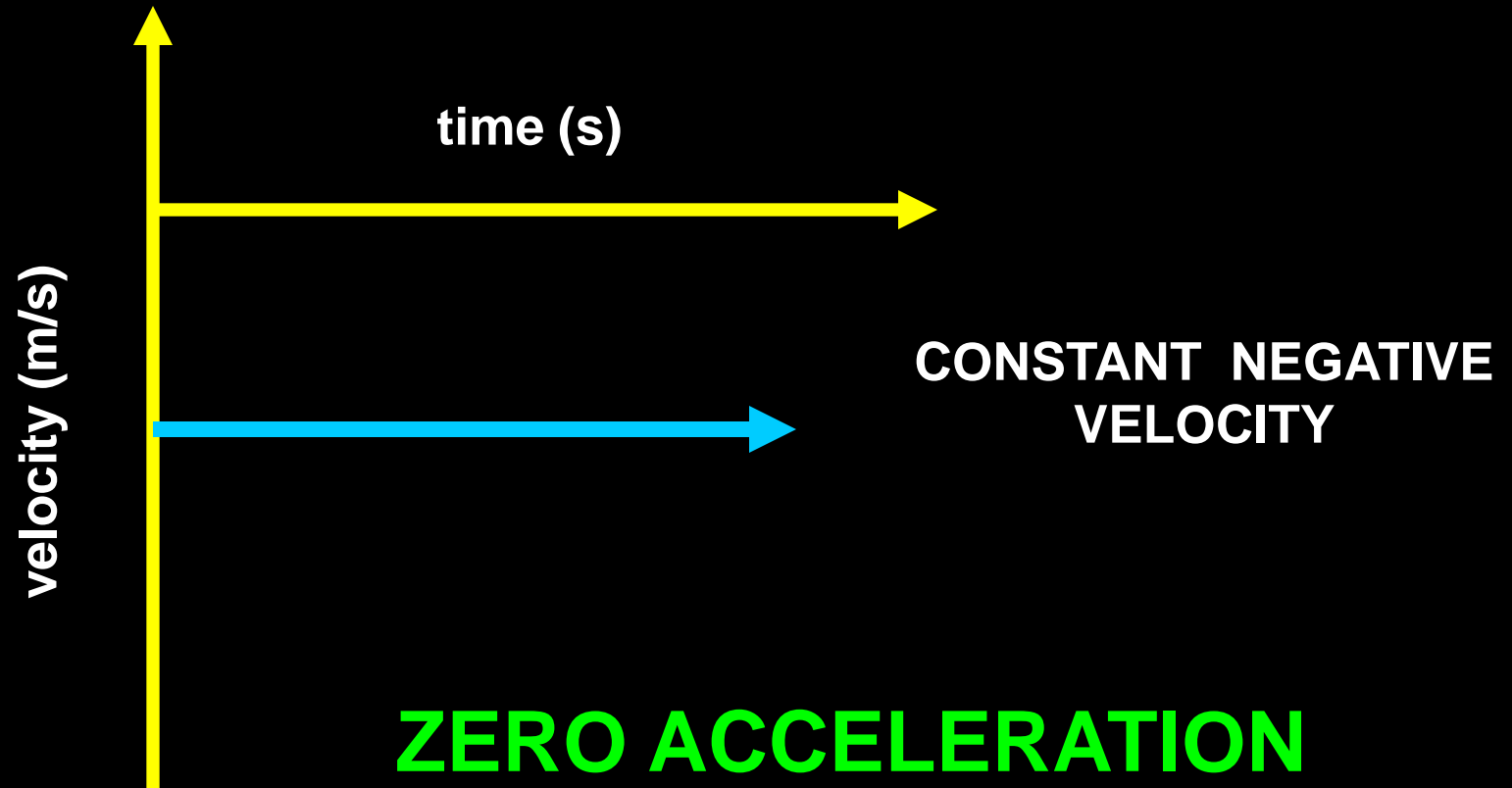
| Time (s) | Velocity (m/s) |
|----------|----------------|
| 0 | 0 |
| 1 | 5 |
| 2 | 10 |
| 3 | ? |
| 4 | ? |

REVIEW

ZERO ACCELERATION

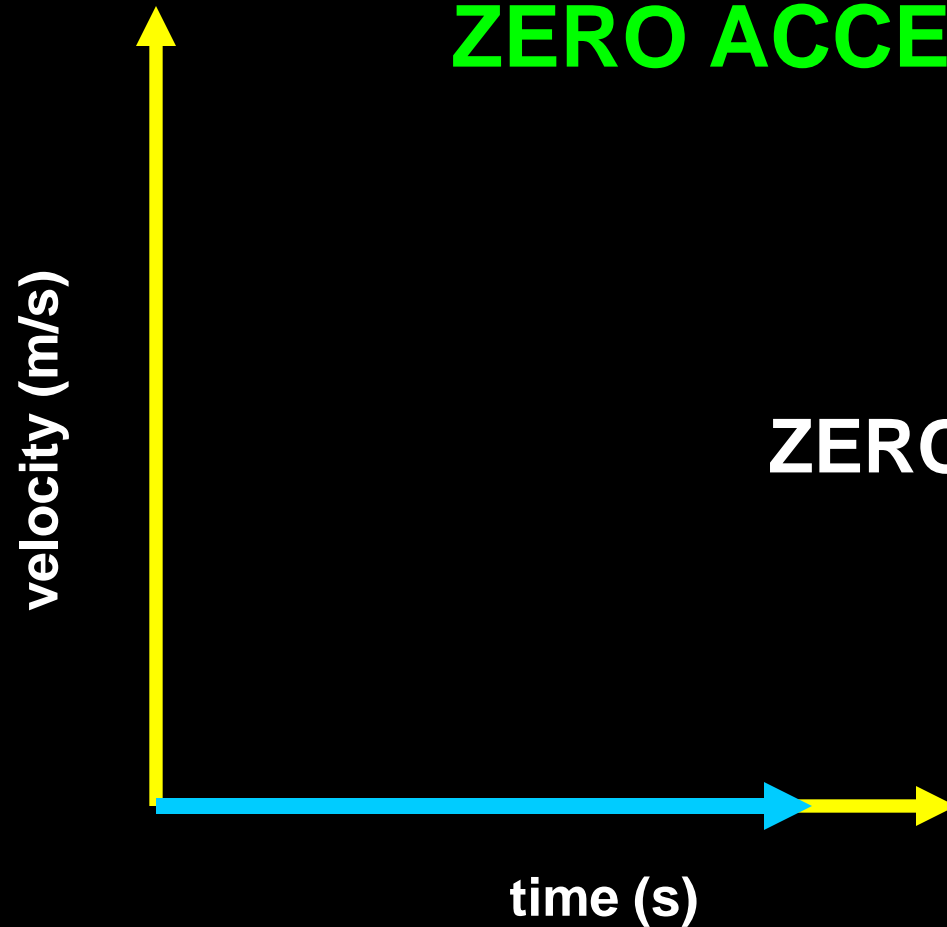


REVIEW



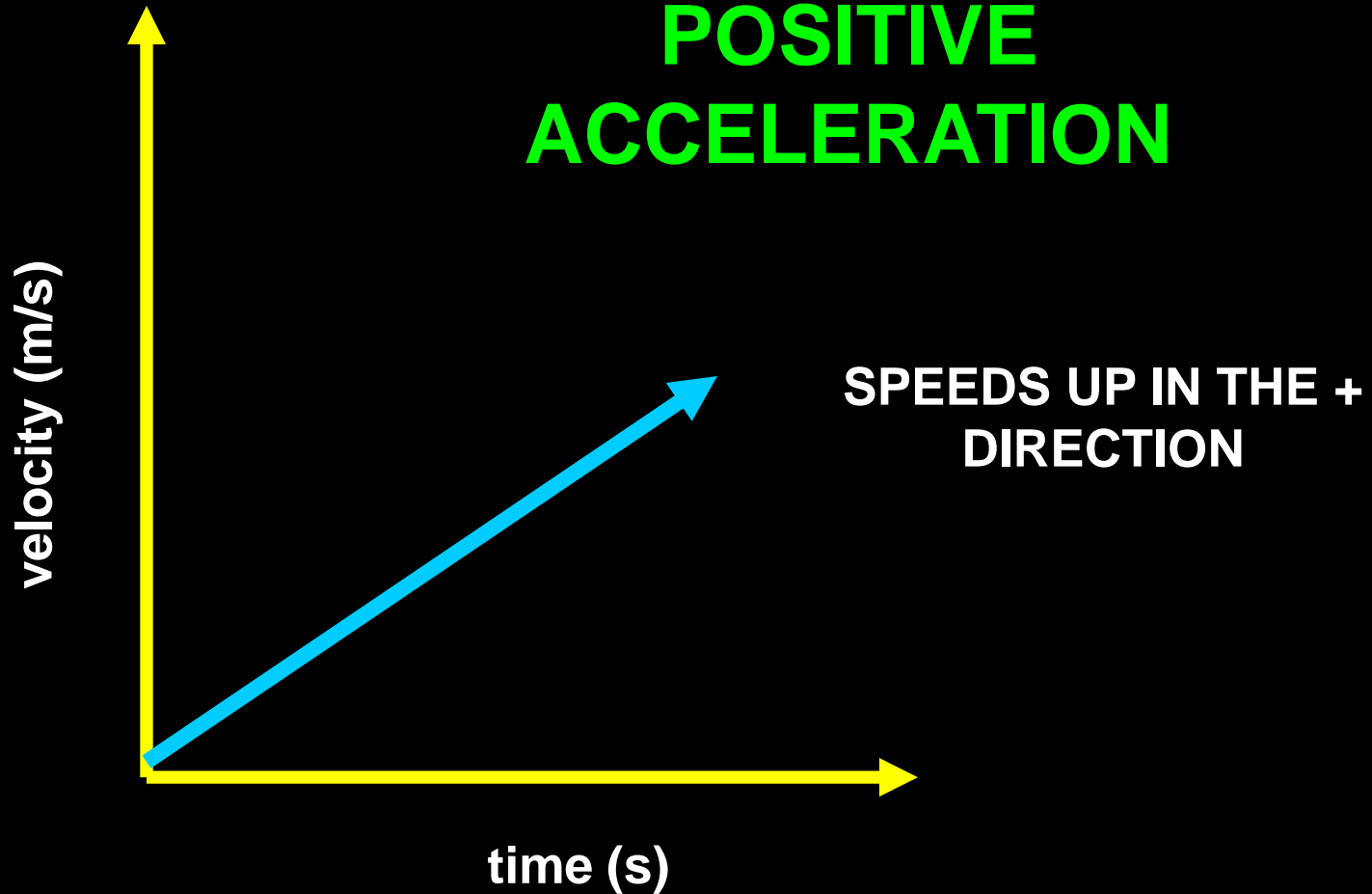
REVIEW

ZERO ACCELERATION

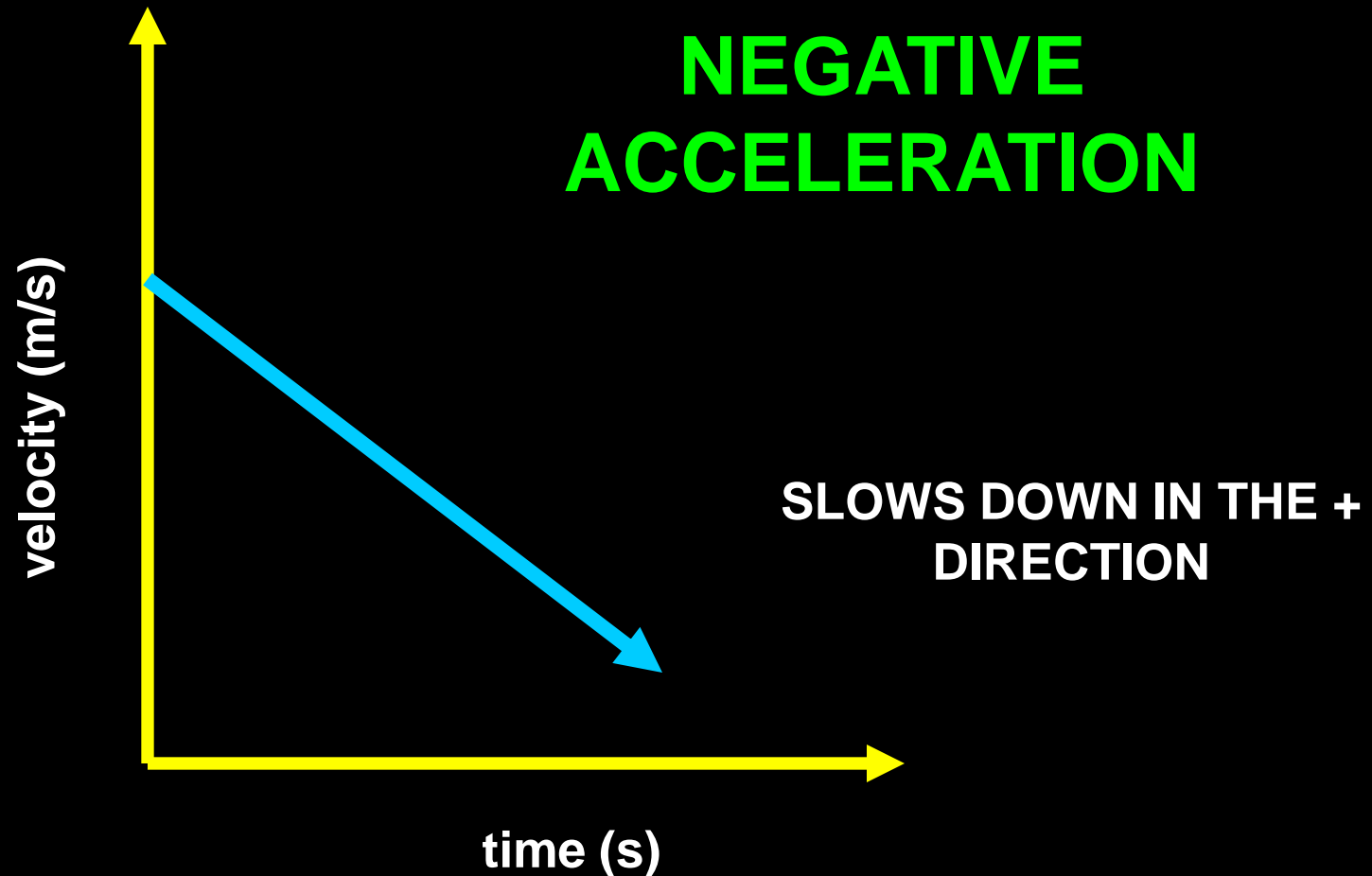


REVIEW

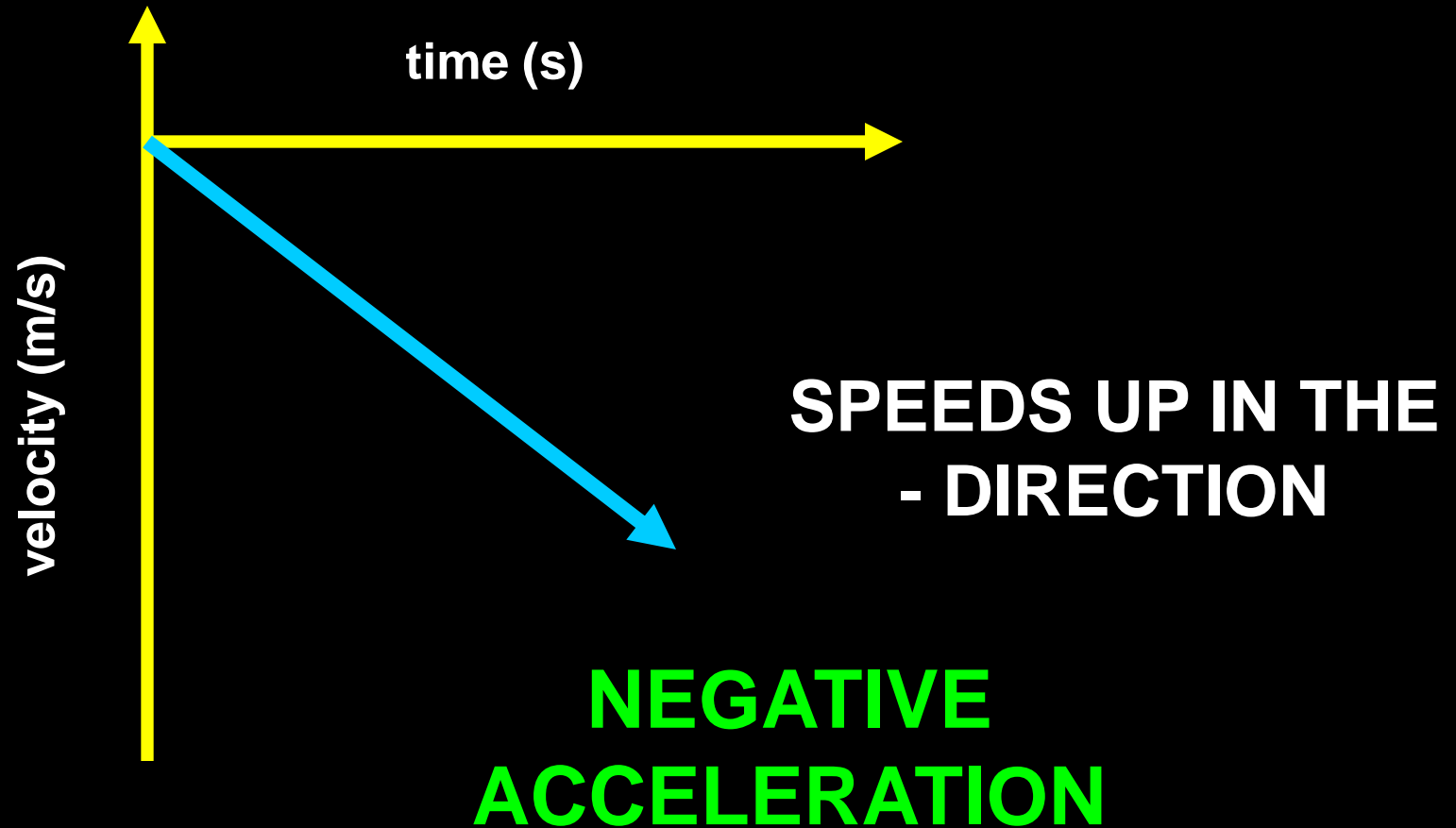
**POSITIVE
ACCELERATION**



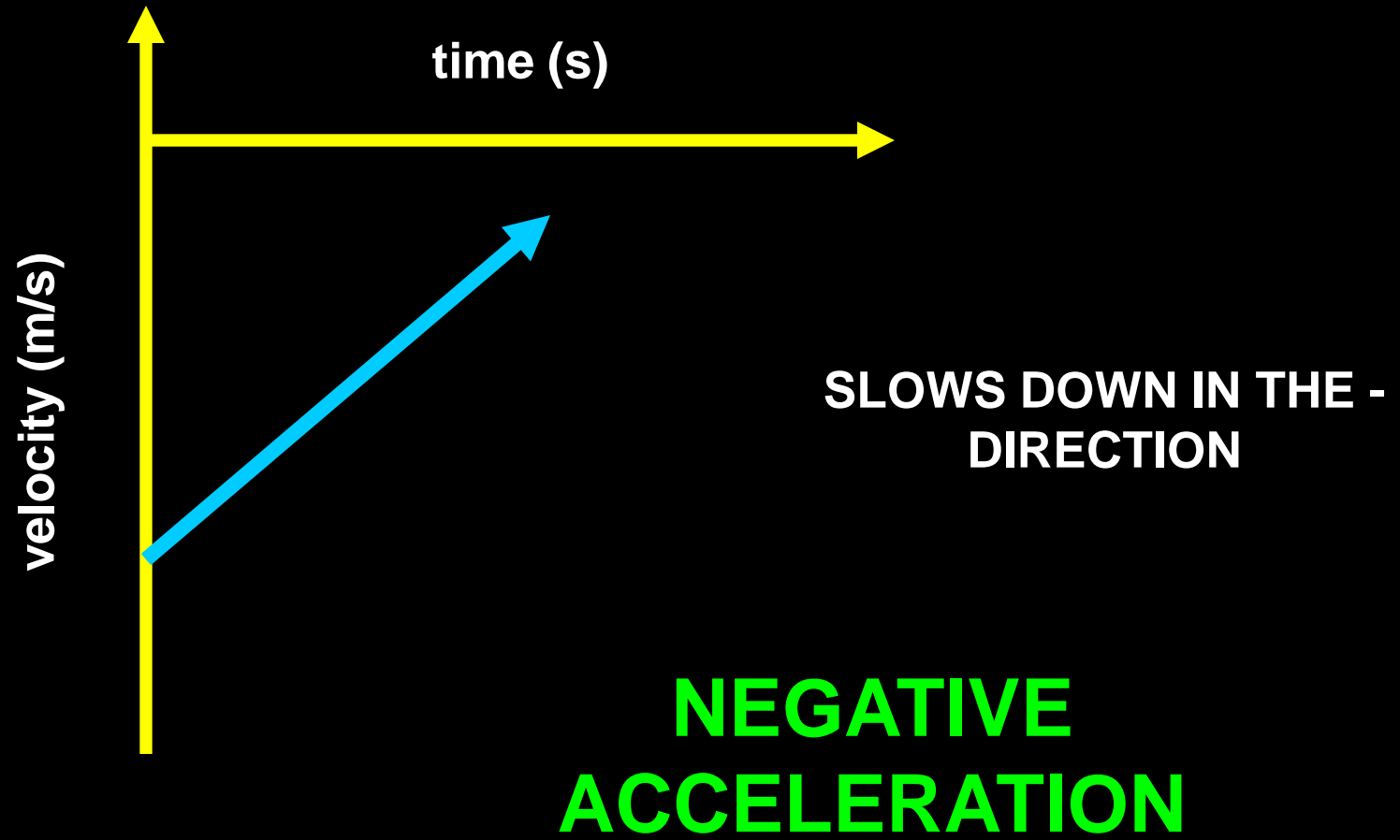
REVIEW



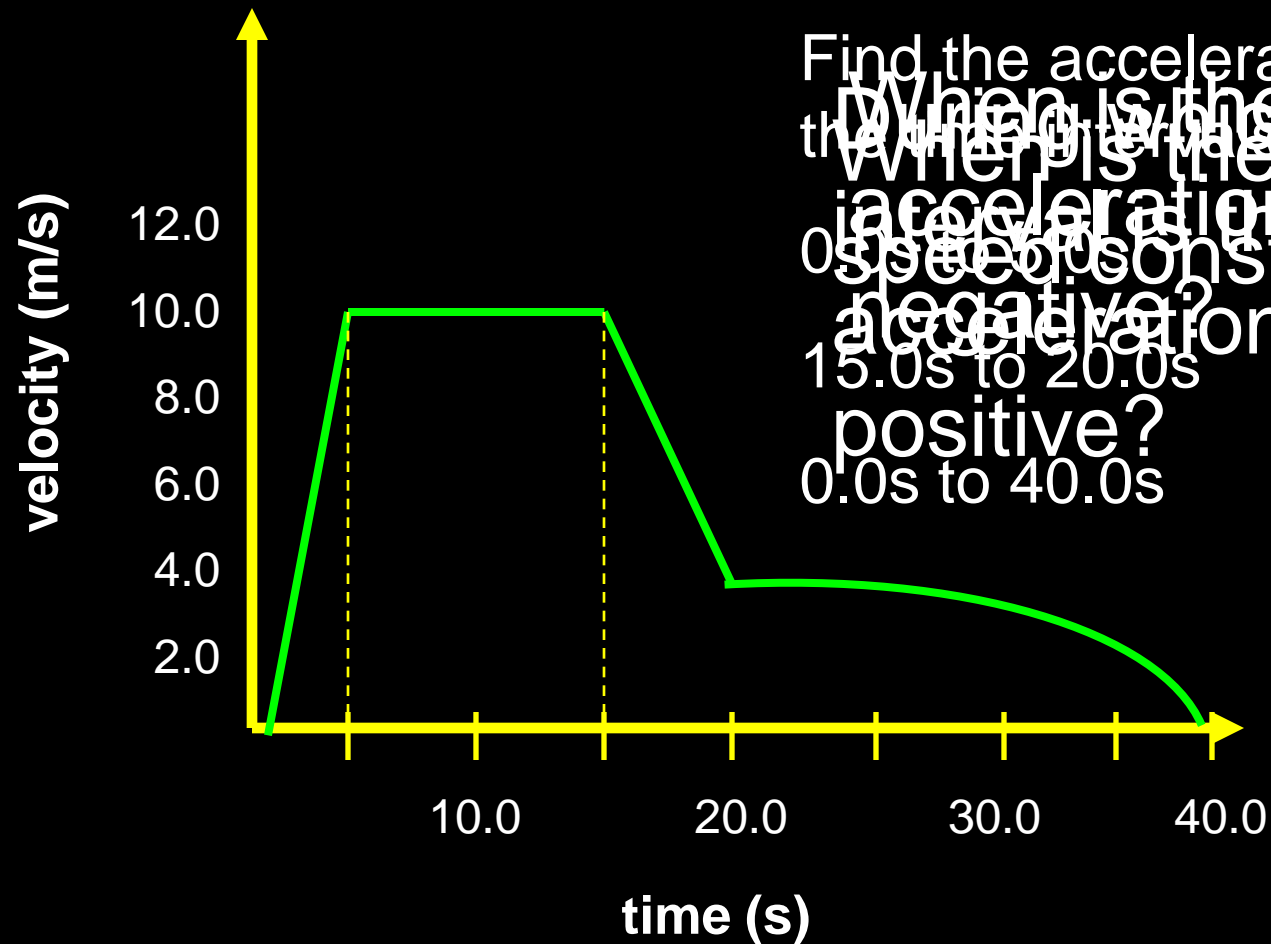
REVIEW



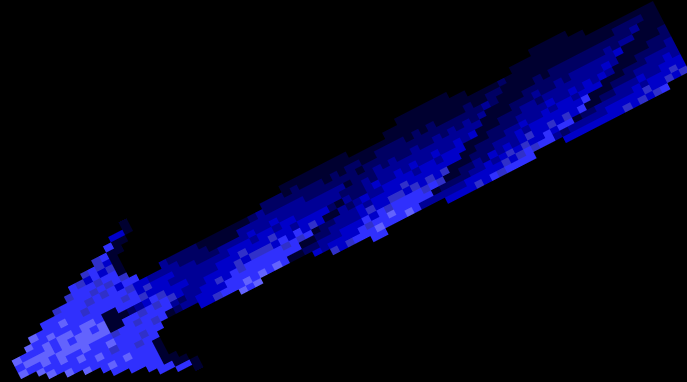
REVIEW



REVIEW



Find the acceleration during
the whole trip.
When is the train's
acceleration most
negative?
15.0s to 20.0s
positive?
0.0s to 40.0s

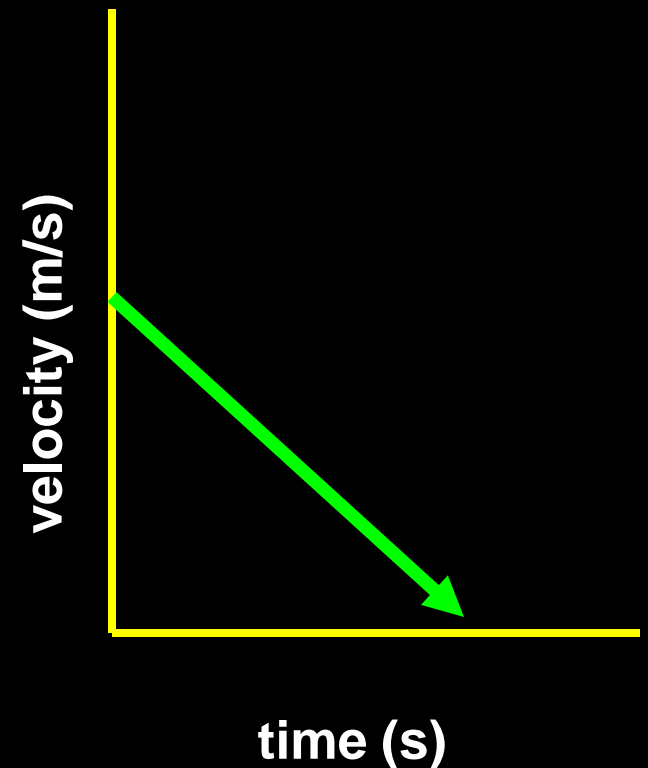


physics
seatwork



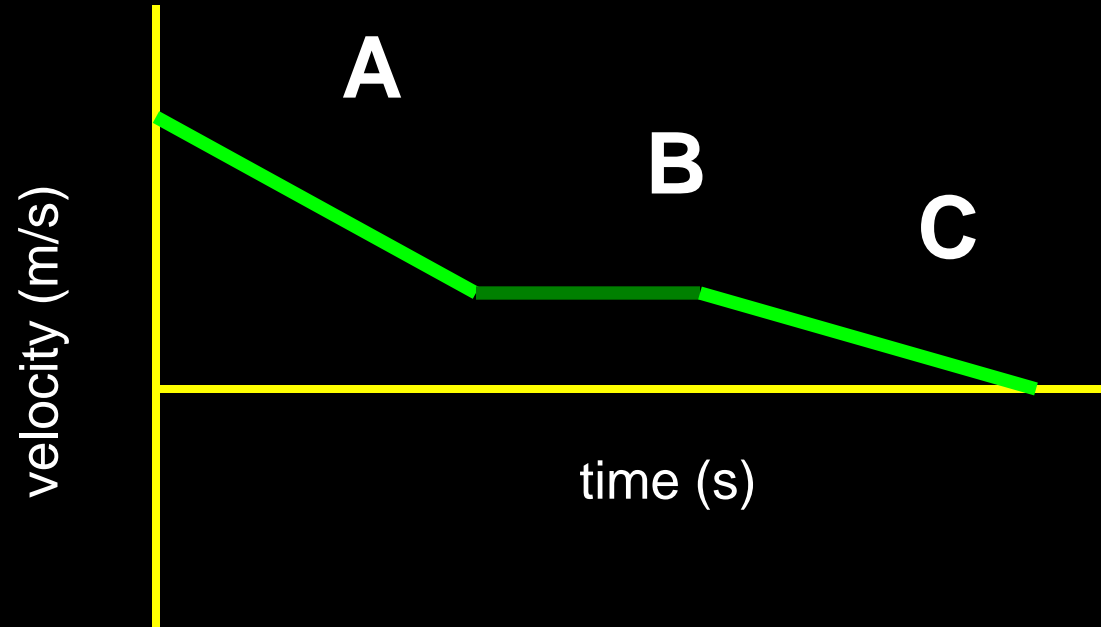
Direction: Answer the questions below in a size 2. Write Y if the statement describes the graph and N if it does not.(7 points)

1. moving in the positive direction
2. moving with a constant velocity
3. slowing down
4. changing directions
5. speeding up
6. moving with a positive acceleration
7. moving with a constant acceleration





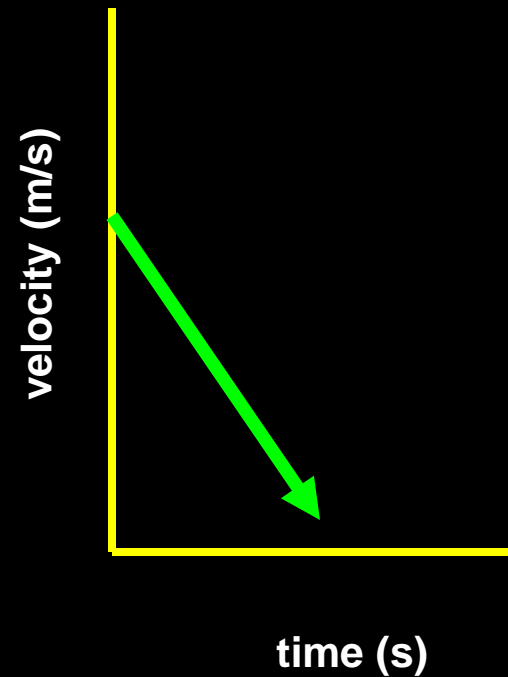
Describe the motion of the object in words for intervals A, B and C. (3 points)





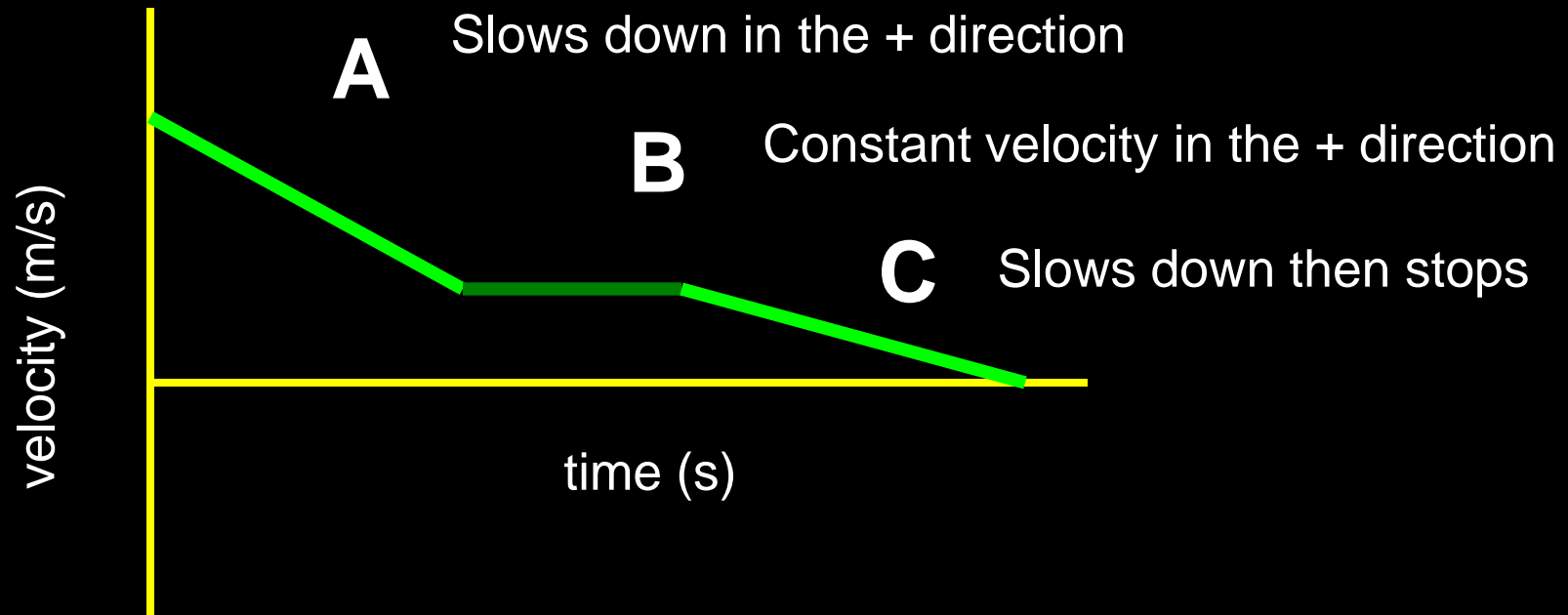
Direction: Answer the questions below in a size 2. Write Y if the statement describes the graph and N if it does not.(7 points)

- Y** 1. moving in the positive direction
- N** 2. moving with a constant velocity
- Y** 3. slowing down
- N** 4. changing directions
- N** 5. speeding up
- N** 6. moving with a positive acceleration
- Y** 7. moving with a constant acceleration



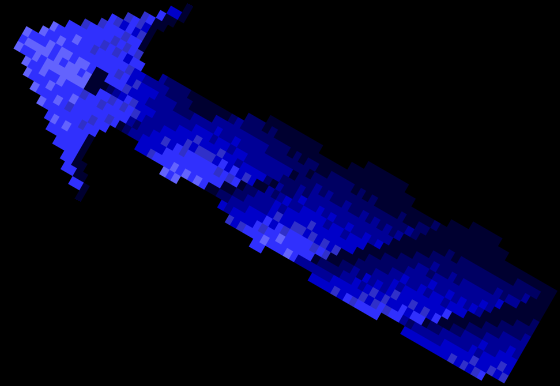


Describe the motion of the object in words for intervals A, B and C. (3 points)



HOMEWORK

- Direction: Answer question number 13 on page 64 of your physics textbook.



God, our Father,

You redeemed us

and made us Your children in Christ.

Through Him You have saved us from death

and given us Your Divine life of grace.

By becoming more like Jesus on earth,

may I come to share His glory in Heaven.

Give me the peace of Your kingdom,

which this world does not give.

By Your loving care protect the good You have given
me.

Open my eyes to the wonders of Your Love

that I may serve You with a willing heart.

AMEN.