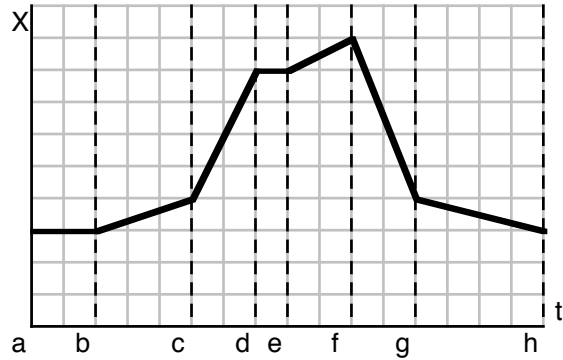


## Motion Graphs IV

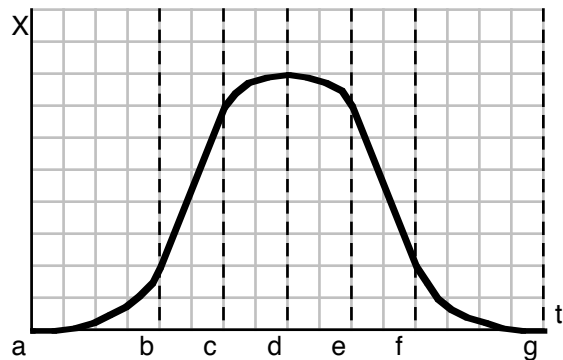
1. For the position vs time graph to the right:

- a. Where is the object at rest?
- b. Where is the object going forwards?
- c. Where is the object going backwards?
- d. Where is the object going the fastest?



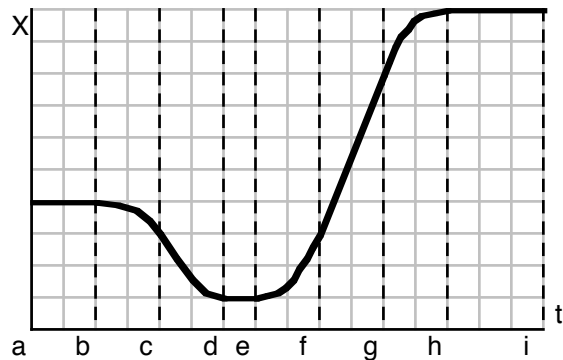
2. For the position vs time graph to the right:

- a. Where is the object at rest?
- b. Where is the object going forwards?
- c. Where is the object going backwards?
- d. Where is the object speeding up?
- e. Where is the object slowing down?
- f. Where is the acceleration positive?
- g. Where is the acceleration negative?



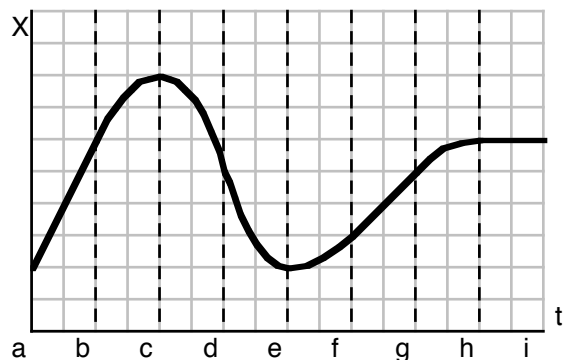
3. For the position vs time graph to the right:

- a. Where is the object at rest?
- b. Where is the object going forwards?
- c. Where is the object going backwards?
- d. Where is the object speeding up?
- e. Where is the object slowing down?
- f. Where is the acceleration positive?
- g. Where is the acceleration negative?



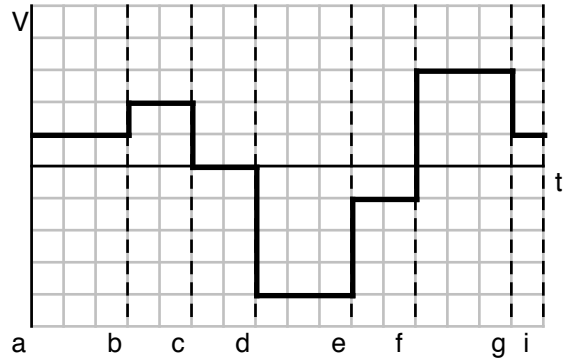
4. For the position vs time graph to the right:

- a. Where is the object at rest?
- b. Where is the object going forwards?
- c. Where is the object going backwards?
- d. Where is the object speeding up?
- e. Where is the object slowing down?
- f. Where is the acceleration positive?
- g. Where is the acceleration negative?

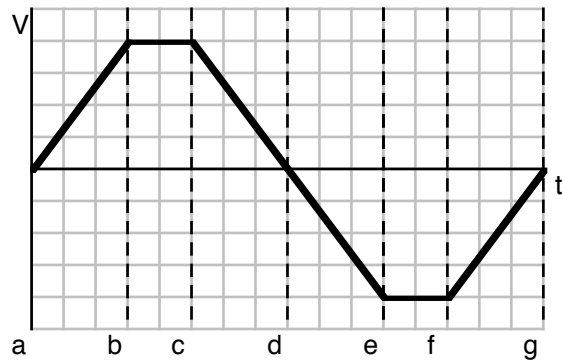


## Motion Graphs IV

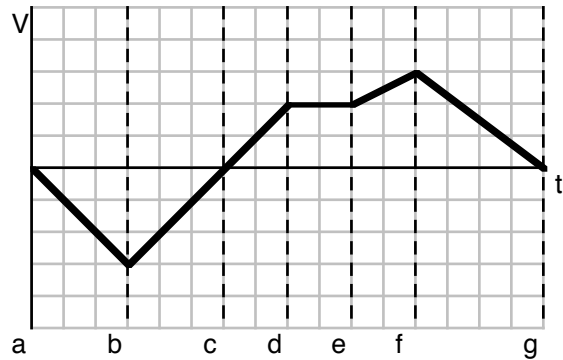
5. For the velocity vs time graph to the right:
- Where is the object at rest?
  - Where is the object going forwards?
  - Where is the object going backwards?
  - Where is the object going the fastest?



6. For the velocity vs time graph to the right:
- Where is the object at rest?
  - Where is the object going forwards?
  - Where is the object going backwards?
  - Where is the object speeding up?
  - Where is the object slowing down?
  - Where is the acceleration positive?
  - Where is the acceleration negative?



7. For the velocity vs time graph to the right:
- Where is the object at rest?
  - Where is the object going forwards?
  - Where is the object going backwards?
  - Where is the object speeding up?
  - Where is the object slowing down?
  - Where is the acceleration positive?
  - Where is the acceleration negative?



8. For the velocity vs time graph to the right:
- Where is the object at rest?
  - Where is the object going forwards?
  - Where is the object going backwards?
  - Where is the object speeding up?
  - Where is the object slowing down?
  - Where is the acceleration positive?
  - Where is the acceleration negative?

