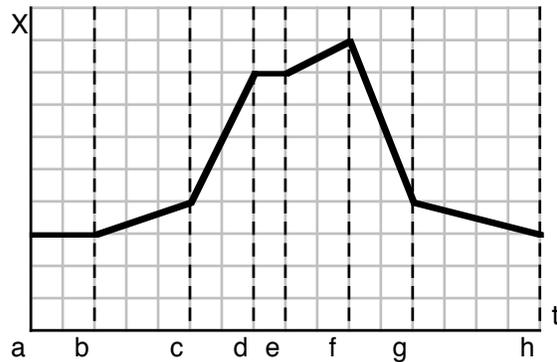


# Motion Graphs I

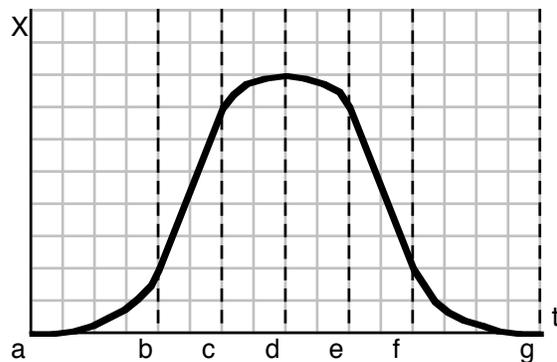
1. For the position vs time graph to the right:

- a. Where is the object at rest?  
*ab de*
- b. Where is the object going forwards?  
*bd ef*
- c. Where is the object going backwards?  
*fh*
- d. Where is the object going the fastest?  
*fg*



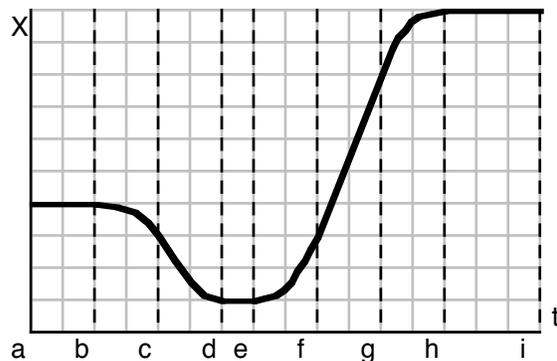
2. For the position vs time graph to the right:

- a. Where is the object at rest?  
*@ d [ ; @ a ; @ g ]*
- b. Where is the object going forwards?  
*ad*
- c. Where is the object going backwards?  
*dg*
- d. Where is the object speeding up?  
*ab de*
- e. Where is the object slowing down?  
*cd fg*
- f. Where is the acceleration positive?  
*ab fg*
- g. Where is the acceleration negative?  
*ce*



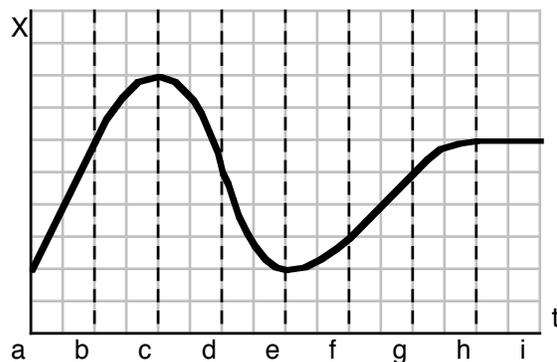
3. For the position vs time graph to the right:

- a. Where is the object at rest?  
*ab de hi*
- b. Where is the object going forwards?  
*eh*
- c. Where is the object going backwards?  
*bd*
- d. Where is the object speeding up?  
*bc ef*
- e. Where is the object slowing down?  
*cd gh*
- f. Where is the acceleration positive?  
*cd ef*
- g. Where is the acceleration negative?  
*bc gh*



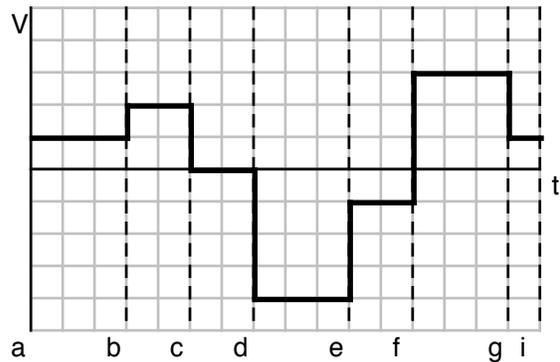
4. For the position vs time graph to the right:

- a. Where is the object at rest?  
*@ c @ e hi*
- b. Where is the object going forwards?  
*ac eh*
- c. Where is the object going backwards?  
*ce*
- d. Where is the object speeding up?  
*cd ef*
- e. Where is the object slowing down?  
*bc de gh*
- f. Where is the acceleration positive?  
*d f*
- g. Where is the acceleration negative?  
*bd gh*

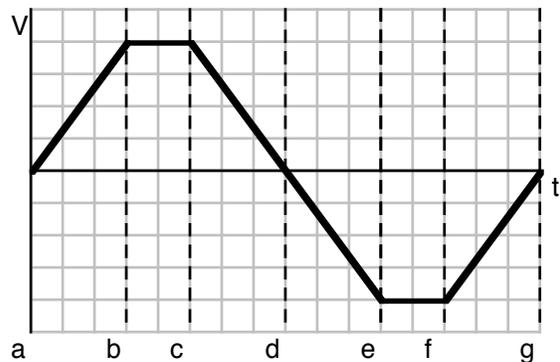


# Motion Graphs I

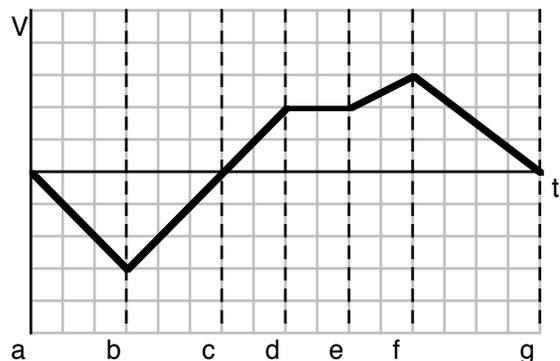
5. For the velocity vs time graph to the right:
- Where is the object at rest?  
*cd*
  - Where is the object going forwards?  
*ac fi*
  - Where is the object going backwards?  
*df*
  - Where is the object going the fastest?  
*de*



6. For the velocity vs time graph to the right:
- Where is the object at rest?  
*@ a @ d @ g*
  - Where is the object going forwards?  
*ad*
  - Where is the object going backwards?  
*dg*
  - Where is the object speeding up?  
*ab de*
  - Where is the object slowing down?  
*cd fg*
  - Where is the acceleration positive?  
*ab fg*
  - Where is the acceleration negative?  
*ce*



7. For the velocity vs time graph to the right:
- Where is the object at rest?  
*@ a @ c @ g*
  - Where is the object going forwards?  
*cg*
  - Where is the object going backwards?  
*ac*
  - Where is the object speeding up?  
*ab cd ef*
  - Where is the object slowing down?  
*bc fg*
  - Where is the acceleration positive?  
*bd ef*
  - Where is the acceleration negative?  
*ab fg*



8. For the velocity vs time graph to the right:
- Where is the object at rest?  
*@ b @ d @ g*
  - Where is the object going forwards?  
*bd gi*
  - Where is the object going backwards?  
*ab dg*
  - Where is the object speeding up?  
*bc de gh*
  - Where is the object slowing down?  
*ab cd fg*
  - Where is the acceleration positive?  
*ac fh*
  - Where is the acceleration negative?  
*ce*

