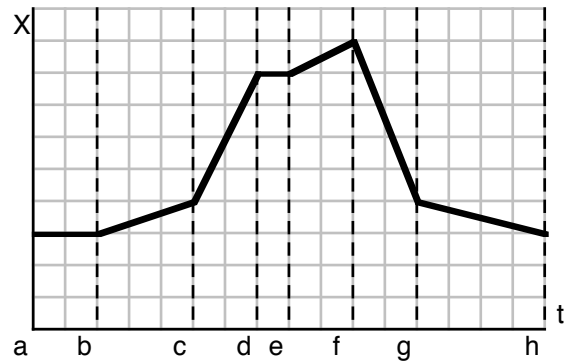


Motion Graphs I

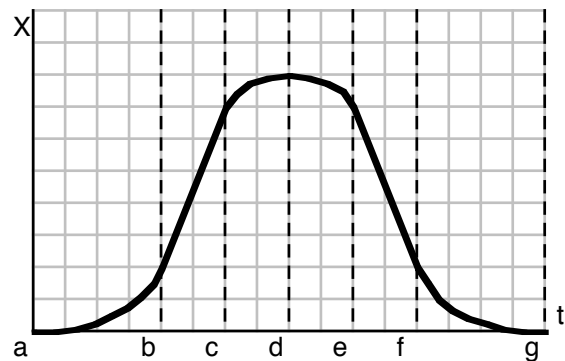
1. For the position vs time graph to the right:

- Where is the object at rest?
ab de
- Where is the object going forwards?
bd ef
- Where is the object going backwards?
fh
- Where is the object going the fastest?
fg



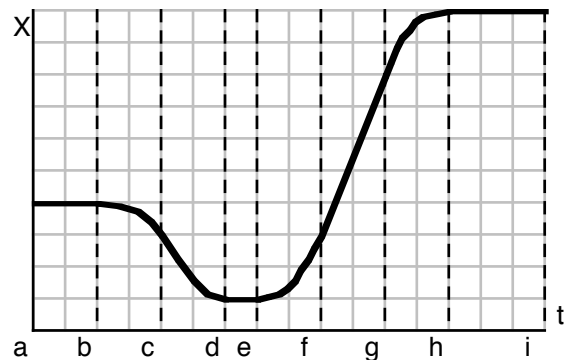
2. For the position vs time graph to the right:

- Where is the object at rest?
@d [f@a f@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



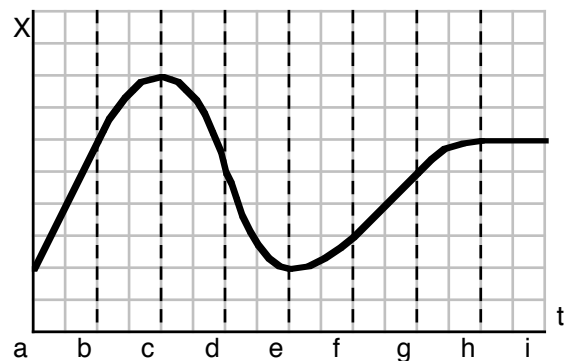
3. For the position vs time graph to the right:

- Where is the object at rest?
ab de hi
- Where is the object going forwards?
eh
- Where is the object going backwards?
bd
- Where is the object speeding up?
bc ef
- Where is the object slowing down?
cd gh
- Where is the acceleration positive?
cd ef
- Where is the acceleration negative?
bc gh



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

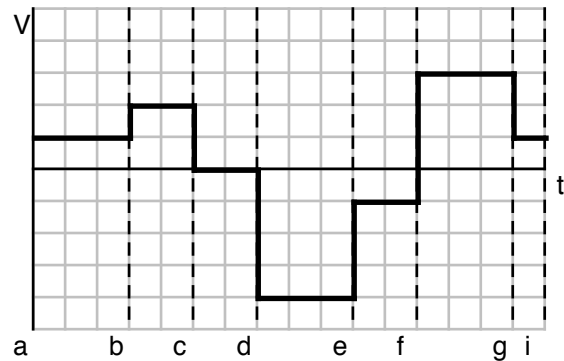
- Where is the object at rest?
@c @e hi
- Where is the object going forwards?
ac eh
- Where is the object going backwards?
ce
- Where is the object speeding up?
cd ef
- Where is the object slowing down?
bc de gh
- Where is the acceleration positive?
df
- Where is the acceleration negative?
bd gh



Motion Graphs I

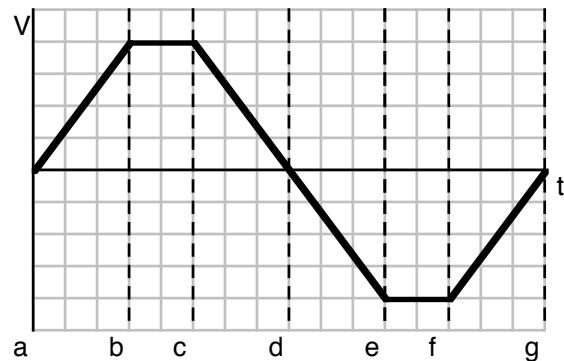
5. For the velocity vs time graph to the right:

- 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



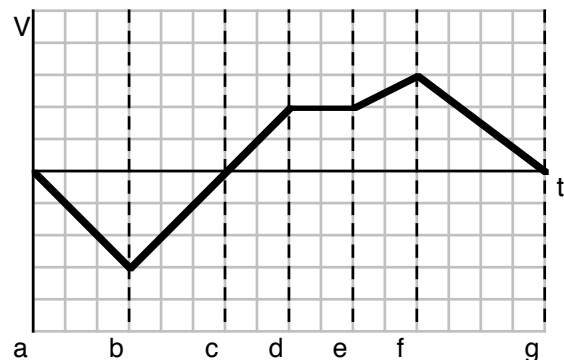
6. For the velocity vs time graph to the right:

- 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

