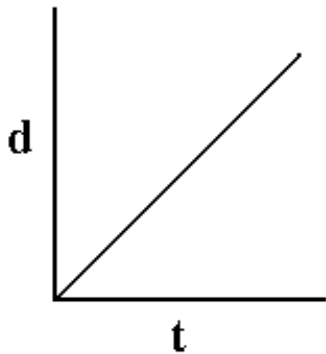


Worksheet 16: Analyzing Graphs

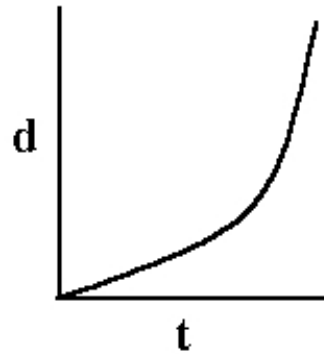
ANSWERS

1.



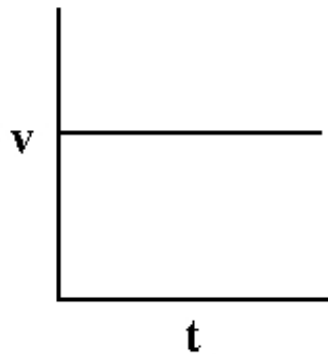
- a) This graph represents **speed**.
- b) Is the motion uniform or nonuniform?  
**uniform**
- c) Explain: **This graph represents constant speed.**

2.



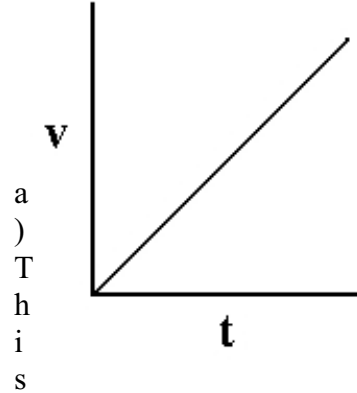
- a) This graph represents **speed**.
- b) Is the motion uniform or nonuniform?  
**nonuniform**
- c) Explain: **This graph represents an increase in speed. (acceleration)**

3.



- a) This graph represents **acceleration**.
- b) Is the motion uniform or nonuniform?  
**uniform**
- c) Explain: **This graph represents constant speed.**

4.



- a) This graph represents **acceleration**.
- b) Is the motion uniform or nonuniform?  
**nonuniform**
- c) Explain: **This graph represents an Increase in speed. (acceleration)**

NOTE:

Teachers should note that the #1 and #3 are graphs of the same motion. (#2 and #4 as well)