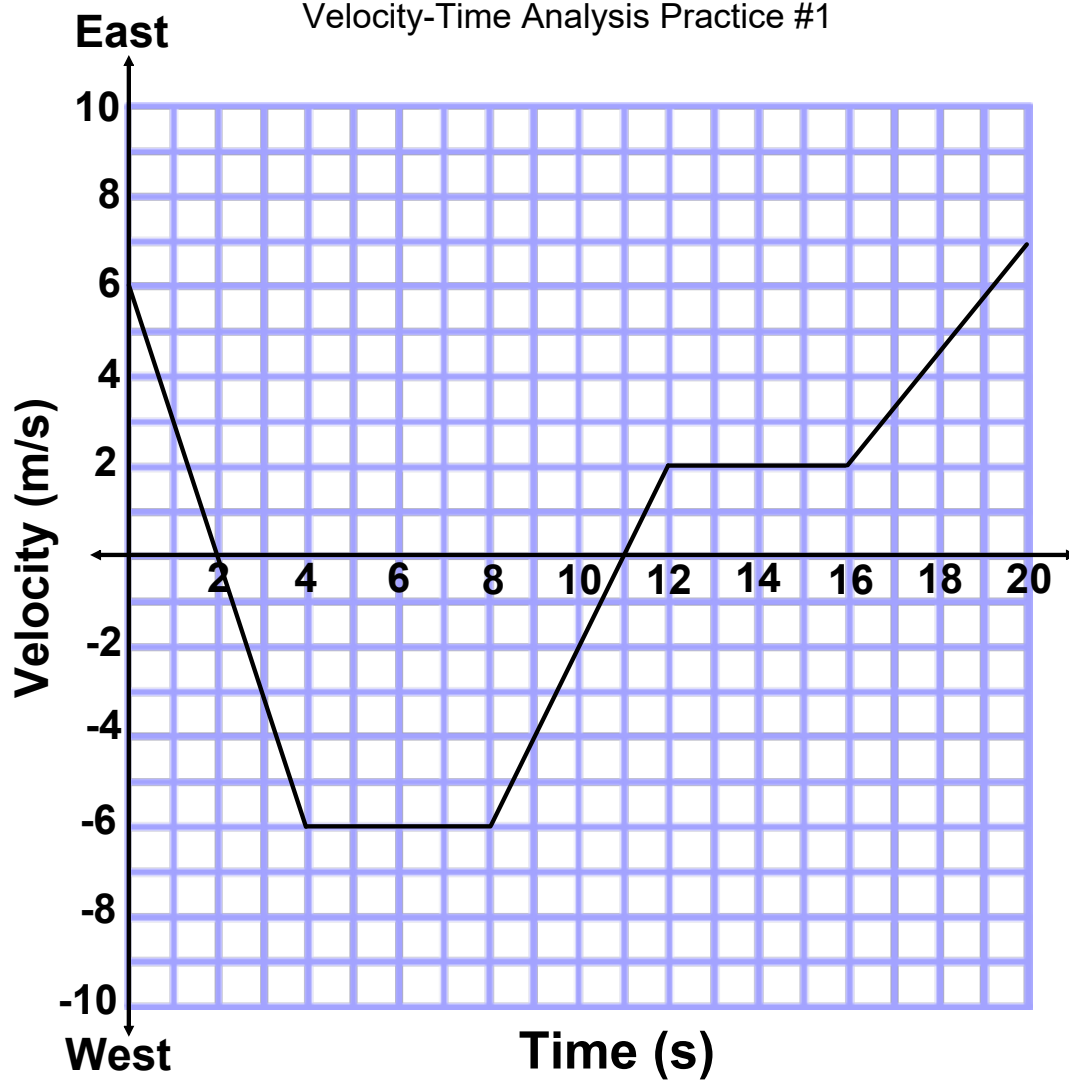


Velocity-Time Analysis Practice #1



1. What was the object's instantaneous velocity at 1, 8, and 14 seconds.
2. For how long was the object not accelerating?
3. At what time(s) did the object change direction?
4. Calculate the object's acceleration during the first 2 seconds and last 4 seconds.
5. Calculate the distance and displacement at the 4 second mark.
6. Calculate the average speed and average velocity at the 4 second mark.
7. Calculate the total distance and displacement for the full 20 seconds.
8. During what time interval(s) was the object traveling east but the acceleration was west?
9. During what time interval(s) was the object traveling west but the acceleration was east?
10. Calculate the average speed and average velocity for the full 20 seconds.

Attachments

moving-man_all.jar