

## Exercise 20

Write a short description of the motion of a real object for which Figure EX1.20 would be a realistic position-versus-time graph.

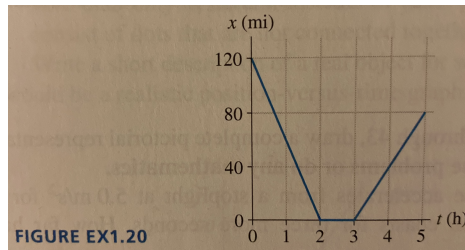


FIGURE EX1.20

### Solution

This is the motion of a car that drives on a freeway in one direction at 60 miles per hour for 2 hours, then abruptly stops for 1 hour, then suddenly drives back the way it came at 40 miles per hour for 2 hours.