

Position vs. Time
Class Practice

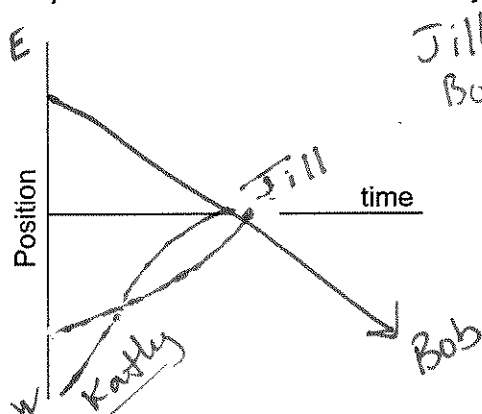
1. 3 siblings drive home.

*Designate the students home as the origin.

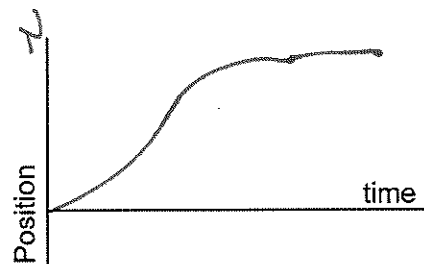
Bob drives west at a constant speed but misses his house because he was on his cell phone.

Jill drives east at a constant speed but then speeds up as she sees Bob.

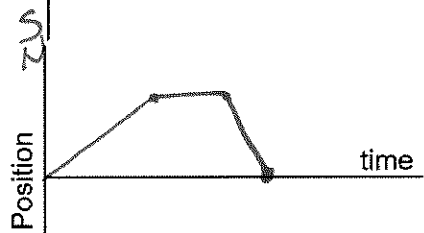
Kathy drives east home but slows down just before home.



2. Student heads north accelerating to top speed. After a while the student stops.



3. Student heads north at a constant speed then slows to a stop. After a short break the student goes home at a constant speed. It took less time for the student to get home then it did on the trip out.



4. A Greenville student is west of town at a friend's house. She accelerates at to a top speed. She decelerates to lower speed as she enters Greenville. Eventually she stops in her driveway.

