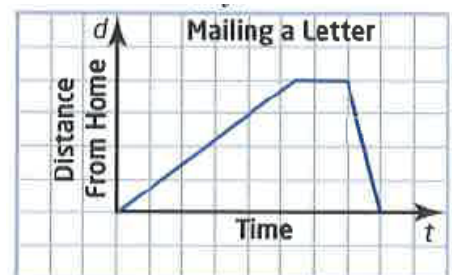


## Answers

1. **a)** moving away at constant speed  
**b)** moving away with increasing speed  
**c)** no movement  
**d)** moving closer at constant speed  
**e)** moving away at increasing speed, then slowing down and stopping  
**f)** moving away at decreasing speed, stopping for a moment, then coming back with increasing speed
2. Graphs a, c, d; the points lie on a line.
3. **a)** 4 h      **b)** 6 km  
**c)** stopping at the end of the lake  
**d)** on the way back
4. After starting out, the cyclist increases her speed, then slows down. Then she travels a bit faster than before, then slows down and stops.
5. **a)** Move away from the wall at a constant speed, then walk back toward the wall at the same speed, but stop before you reach your starting position.  
**b)** The sloped line segments would be steeper.  
**c)** The sloped line segments would be less steep.  
**d)** The middle segment would be shorter and the horizontal segment would be higher.

6.



7.

