1. Each graph depicts the position function of an object moving on a straight flat East-West road, with West being designated as the positive direction. 

For each picture, describe the object’s journey in as much detail as possible. Assume the units on \( t \) are seconds and on \( s(t) \) are feet.

2. Suppose an object is moving on a one-dimensional North-South road, with North being designated the positive direction. Assume the units on distance are feet, and the units on time are seconds. Assume each trip lasts 5 seconds (from \( t = 0 \) to \( t = 5 \)).

For each position function below, answer the following questions:

i. at time \( t = 2 \), where was the object?

ii. at time \( t = 2 \), which direction was the object moving, and how fast.

(a) \( s(t) = t(5 - t) \)  
(b) \( s(t) = 1 - t - t^3 \)  
(c) \( s(t) = 14 \)  
(d) \( s(t) = 5 - t \)  
(e) \( s(t) = 10te^{-t} \)