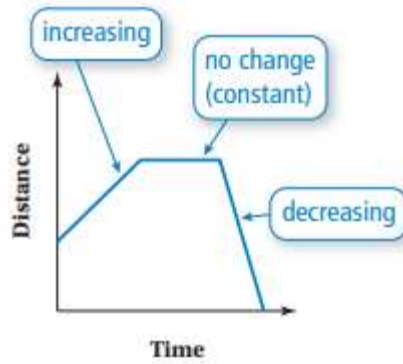


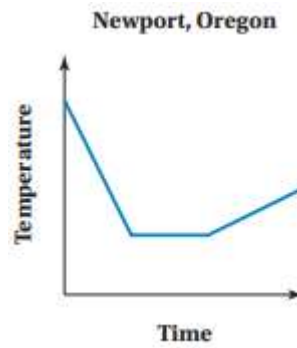
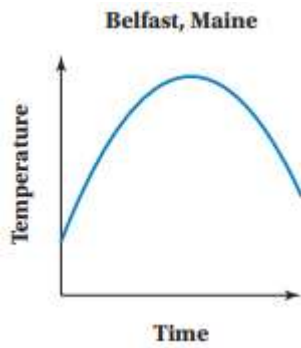
Analyzing Graphs:



## Analyzing Graphs

Ex:) The graphs show the temperature through the day in two cities.

Notes:



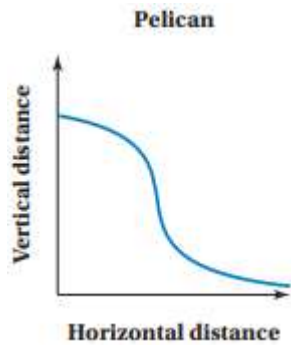
A. Describe the change in temperature in each city.

B. Write an explanation for the decrease in temperature and the increase in temperature in Newport, Oregon.

The explanation given in Example 1(b) is a sample answer. You can give many other possible explanations.

OYO:) The graph shows the location of a pelican relative to your location.

Notes:



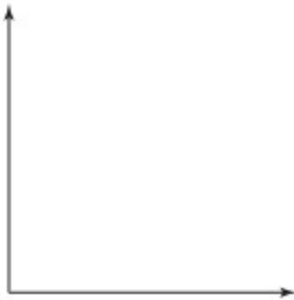
A. Describe the path of the pelican.

B. Write an explanation for the decrease in the vertical distance of the pelican.

## Sketching Graphs

Ex:) A stopped subway train gains speed at a constant rate until it reaches its maximum speed. It travels at this speed for a while, and then slows down at a constant rate until coming to a stop at the next station. Sketch a graph that represents this situation.

Notes:



OYO:) A fully-charged battery loses its charge at a constant rate until it has no charge left. You plug it in, and it fully recharges at a constant rate. Then it loses its charge at a constant rate until it has no charge left. Sketch a graph that represents this situation.

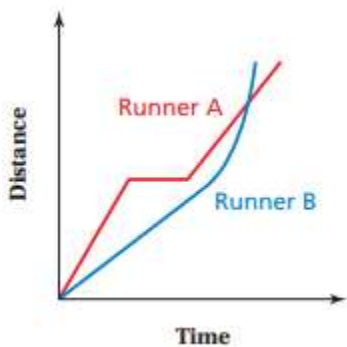
Notes:



## Modeling Real Life

Ex:) The graph shows the distances traveled by two runners in a race from start to finish. Describe the speed of each runner throughout the race. Then determine who finishes first.

Notes:



OYO:) Two rowing teams are in a race. The graph shows their distances from the finish line over time. Describe the speed of each team throughout the race. Then determine which team finishes first.

Notes:

