

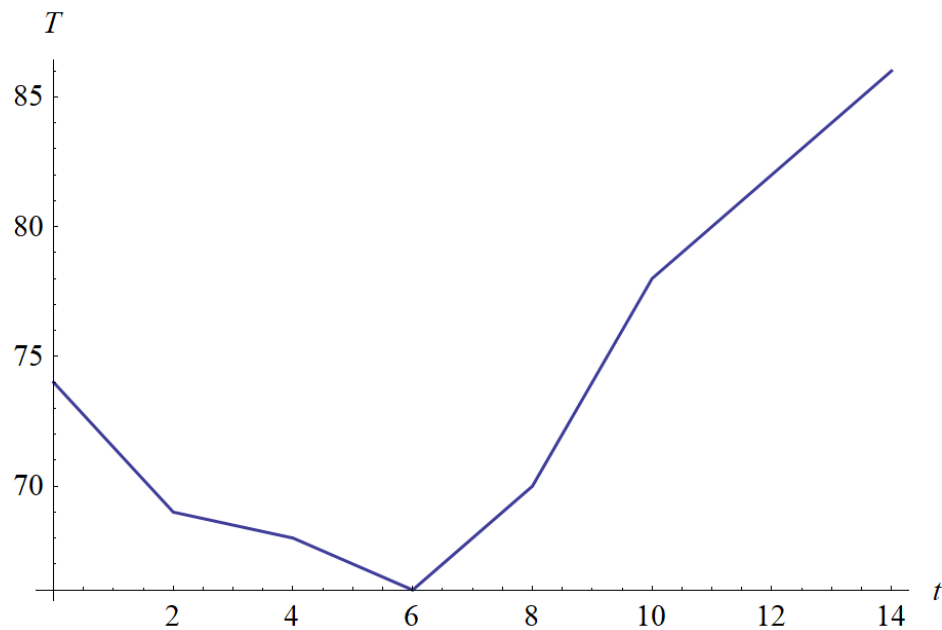
Exercise 23

Temperature readings T (in $^{\circ}\text{F}$) were recorded every two hours from midnight to 2:00 PM in Atlanta on June 4, 2013. The time t was measured in hours from midnight.

t	0	2	4	6	8	10	12	14
T	74	69	68	66	70	78	82	86

- (a) Use the readings to sketch a rough graph of T as a function of t .
- (b) Use your graph to estimate the temperature at 9:00 AM.

Solution



The temperature at $t = 9$ is roughly 74°F .