

Math152 – Spring 2016 – In-class Group Assignment 8

The textbook discusses the use of Newton's Law of Cooling to determine the time of death when a human body is discovered. Assume that a person's body temperature at the time of death was 98.6 degrees F and that the body temperature when the body was found was 82 degrees F. Assume the room temperature was constant at 70 degrees and the body temperature an hour after it was found was 80 degrees.

How many hours before the body was found did death occur?