The following table shows annual sales data for Security Watch, Inc., over the ten-year 1998 - 2008 period:

|  |  |
| --- | --- |
| **Year**  | **Sales ($ Thousands)**  |
| 1998  | $100  |
| 1999  | 150  |
| 2000  | 200  |
| 2001  | 220  |
| 2002  | 280  |
| 2003  | 360  |
| 2004  | 480  |
| 2005  | 500  |
| 2006  | 540  |
| 2007  | 580  |
| 2008  | 620  |

A. Calculate the 1998-2008 growth rate in sales using the constant rate of change model with annual compounding.
B. Forecast sales for the years 2011 and 2016.