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.