Name: _____   Date: _____

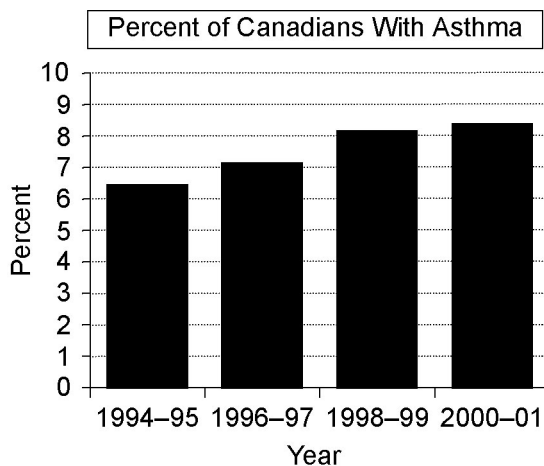# Practice: Trends, Interpolation, and Extrapolation

1. The graph shows the percent of Canadians with asthma.

Percent of Canadians With Asthma

Source: Statistics Canada, CANSIM, tables 104-0001 and 105-0001 and Catalogue no. 82-221-X.

a) Did the percent of Canadians with asthma increase or decrease between 1994 and 2001? How do you know?

b) Describe the trend in the percent of Canadians with asthma.

2. A teacher at an elementary school kept track of the numbers of students who regularly walk to school. The data are displayed in the table.

Year	Number of Students
1980	224
1985	203
1990	176
1995	135
2000	102
2005	85

a) Make a bar graph of the data.

b) Describe the trend in the number of students who regularly walk to school.

c) Predict the number of students who will regularly walk to school in 2015.

3. The table shows the population of Alberta from 2001 to 2005.

Year	Population (1000s)
2001	3056.7
2002	3116.3
2003	3159.6
2004	3204.8
2005	3256.8

Source: Statistics Canada, CANSIM, table (for fee) 051-0001.

a) Make a scatter plot of the data.

b) Describe the trend in the population of Alberta.

c) Predict the population of Alberta in 2010.