Problems

1. The monthly principal and interest payments for a mortgage from 1999 to 2004. Use this information to predict the payment for 2005.

Year payment

1999 $578

2000 613

2001 654

2002 675

2003 706

2004 730

2005 ?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

800

700

600

Payment 500

400

300

200

100

1999 2000 2001 2002 2003 2004 2005

The year 1999 was almost 600, the year 2000 was a little above 600, 2001 was 650, 2002 was almost 700, 2003 was 700,2004 was a little over 700. 2005 is ?

1. The median earnings of women aged 25 and older who work full time, year round, by educational attainment. Create a bar graph from this information:

Education Earnings

HS Diploma or GED $23,719

Associate’s degree 30,178

Bachelor’s degree 38,208

Master’s degree 47,049

Doctorate’s degree 55,620

1. The following gives the number of Senate members with military service in the 106th U.S. Congress, by branch. Construct a pie chart from this information:

Branch Count

Army 17

Navy 10

Air Force 4

Marines 6

Coast Guard 1

National Guard 2

1. Give a five-number summary for the following: (show work)

7,7,5,4,1,9,8,8,8,5,2