**GSE Algebra Name:**

**Line of Best Fit HW**

1. The table shows the number *y* (in thousands) of alternative-fueled vehicles in use in the United States *x* years after 1997. Approximate the best-fitting line for the data

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|  | 280 | 295 | 322 | 395 | 425 | 471 | 511 | 548 |

Use the equation of the line of fit from the above example to predict the number of alternative-fueled vehicles in use in the United States in 2010.

In exercise 2 – 7, approximate the best-fitting line and estimate  when 











