Student Screenshots
Aurora Enrollment

| 1.1 | 1.2 | 1.3 | 1.4 | RAD AUTO REAL |

Press control (CTRL) right arrow to move to the next page. You will see data from the Aurora City Schools. The enrollment figures from 2005-2007 are accurate, and the other numbers are projections. After you look at the data, advance to the next page.

| 1.1 | 1.2 | 1.3 | 1.4 | RAD AUTO REAL |

	A yearafter05	B enroll	C
1	0	2979	
2	1	3059	
3	2	3140	
4	3	3227	
5	4	3333	

A1 |

| 1.1 | 1.2 | 1.3 | 1.4 | RAD AUTO REAL |

	A yearafter05	B enroll	C
4	3	3227	
5	4	3333	
6	5	3388	
7	6	3458	
8			

A8 |

| 1.1 | 1.2 | 1.3 | 1.4 | RAD AUTO REAL |

On the next page, you will see the graph of the data points. There is a line graphed that doesn't "fit" the data, but you can drag it to make it fit. Watch the changes in the equation.

Then, advance to the next page again.

| 1.1 | 1.2 | 1.3 | 1.4 | RAD AUTO REAL |

.02 y

$(yearafter05, enroll)$

$f1(x)=1 \cdot x+2979$

x

-0.91 0.5   9.65
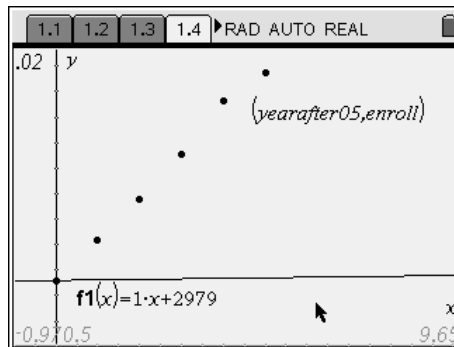
| 1.2 | 1.3 | 1.4 | 1.5 | RAD AUTO REAL |

Use the calculator screen (ctrl tab) to calculate f1(10) which will predict the enrollment 10 years after the 2005-06 school year. Go to the next page.

f1()

0/99

| 1.3 | 1.4 | 1.5 | 1.6 | RAD AUTO REAL |

3550 y

Cursor up into f1 and press enter to regraph on this page. Choose menu,6,2. Place a point on the line. Click. Change the x-value to 3. f1(3). What is this y-value? ctrl>

$f2(x)=$

| 1.4 | 1.5 | 1.6 | 1.7 | RAD AUTO REAL |

Question

Was your answer to f1(3) a good prediction compared to the given data? (3,227) Hit ctrl tab to answer.

Answer