

Student Screenshots Aurora Fuel Costs

1.1 1.2 1.3 1.4 ▶ RAD AUTO REAL

Aurora's district fuel costs from 2002–2007 (projected).

Are the costs increasing in a linear fashion?

Predict the fuel costs in a future year.

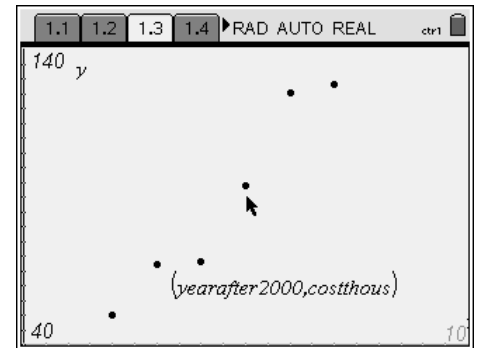
When will fuel costs reach \$200,000?

Press ctrl right arrow to advance.

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A	yearafter2000	B	costthous	C
1	2		50	
2	3		67	
3	4		68	
4	5		94	
5	6		125	

B | costthous



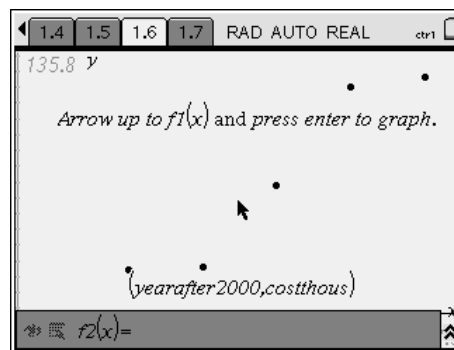
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Does the data appear linear?

"RegEqn"	"m*x+b"
"m"	16.8571
"b"	12.8095
"r ² "	.940523
"r"	.969806
"Resid"	"(...)"

©here is the regression for the data. Done

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1.3 1.4 1.5 1.6 ▶ RAD AUTO REAL

f1()

Evaluate f1(7). How good is your model compared to the city's prediction?

Predict 2010 by evaluating f1(10).

Ctrl right arrow.

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