

Cubic Least Squares Fit Template

Y-Values	X-Values	X-Squared	X-Cubed	
200	20	400	8000	Constant
400	40	1600	64000	Std Err of Y Est
600	60	3600	216000	R Squared
400	80	6400	512000	No. of Observations
200	100	10000	1000000	Degrees of Freedom
400	120	14400	1728000	
600	140	19600	2744000	X Coefficient(s)
				Std Err of Coef.

\p

Sheet1

Regression Output:

-514.285714285708
100.790526135796
0.809523809523801
7
3

46.9841269841267 -0.666666666666663
14.7616202965141 0.207566616359083

The Y Value is:

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{getnumber "Enter X Value for Prediction: ",g16}
{goto}g18~{up}{up}{up}The Y Value is:~
/xgg17~

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0.0027777777777778	26	#NAME?
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