1. Use the Desmos applet to model the following data. First, plot the average maximum temperatures, if they are not already plotted. Then, use the sliders to fit the function to the data. Finally, describe the values for each of the sliders mean in the context of the temperature data.

HOUGHTON FAA AIRPORT, MICHIGAN (203908)

1981-2010 Monthly Climate Summary

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	22.4	24.9	33.1	46.9	60.7	70.3	75.2	73.6	64.3	50.9	36.3	26.7	48.9
Average Min. Temperature (F)	10.5	10.7	17.9	30.2	40.5	49.8	55.4	55.0	47.6	36.9	25.5	15.9	33.1
Average Total Precipitation (in.)	2.65	1.61	1.74	1.98	2.47	2.67	2.81	2.41	3.17	3.05	2.25	2.58	29.40

Unofficial values based on averages/sums of smoothed daily data. Information is computed from available daily data during the 1981-2010 period. Smoothing, missing data and observation-time changes may cause these 1981-2010 values to differ from official NCDC values. This table is presented for use at locations that don't have official NCDC data. No adjustments are made for missing data or time of observation. Check NCDC normals table for official data.

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[1] Temperature data from https://wrcc.dri.edu/

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