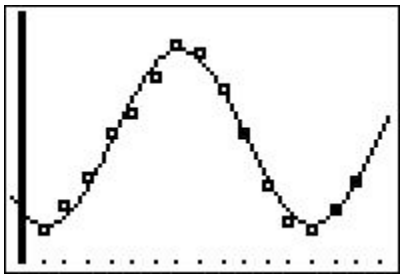
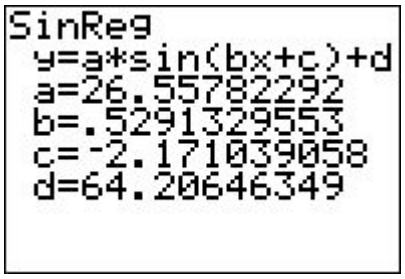
Data, Graphs, and Sine Regression

Provide data for 1 city to each student group. (Print and cut page three.)
The graph and calculator regression is provided as a teacher resource. The data provided is the highest daily temperature averaged over the month.

Salt Lake City – USA

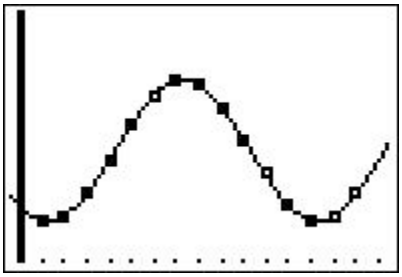
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
36.5	43.2	51.8	65.1	72.0	82.9	92.3	90.0	79.3	66.0	49.8	38.3	36.1	42.9	51.0

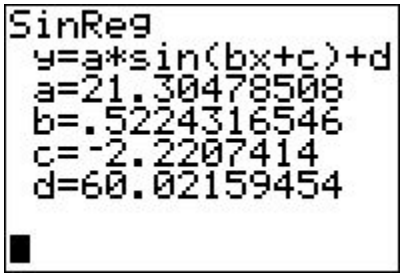




New York City – USA

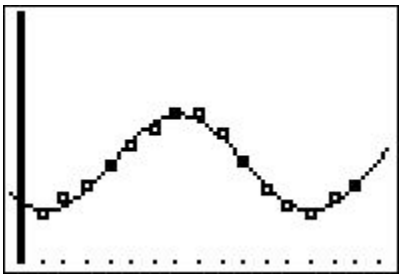
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
38.8	40.5	47.3	56.8	68.4	76.8	81.1	80.1	72.7	62.4	53.2	43.0	38.4	40.3	47.0

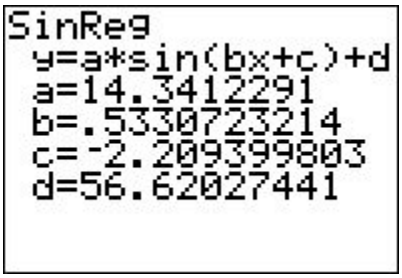




Vancouver – Canada

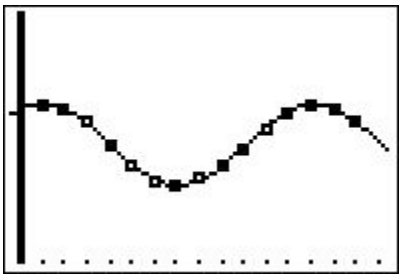
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
41.7	45.7	49.5	55.2	61.9	66.9	71.4	70.9	65.3	56.5	48.2	43.5	41.5	45.6	49.1

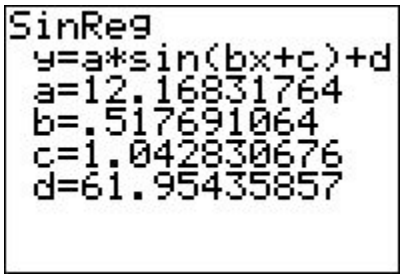




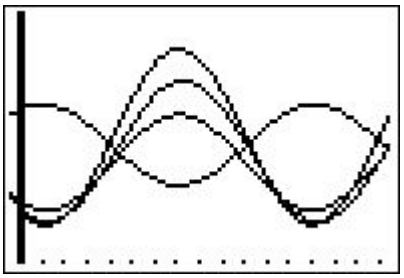
Buenos Aires – Argentina

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
74.3	72.9	69.1	62.1	55.9	50.7	50.0	52.0	55.8	60.8	66.7	71.6	74.3	72.8	68.9





All four curves:



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74.3	72.9	69.1	62.1	55.9	50.7	50.0	52.0	55.8	60.8	66.7	71.6	74.3	72.8	68.9