

Lesson 2 Practice 1

Use your phone or laptop to access Desmos. Enter the following data into a table in Desmos (this will create a scatterplot).

x	y
83	102
87	115
91	107
93	122
97	125
97	127
101	120
104	127

1. Use Desmos to find the line of best fit.
2. What does the best fit line estimate for the y value when x is 100?

Enter the following table into Desmos and create a scatterplot.

x	y
2.3	6.2
2.8	5.7
3.1	4.7
3	3.2
3.5	3
3.8	2.8

3. Use Desmos to find the line of best fit.
4. What does the equation estimate for y when x is 2.3? Round to 3 decimal places.
5. How does the estimated value compare to the actual value from the table when x = 2.3?