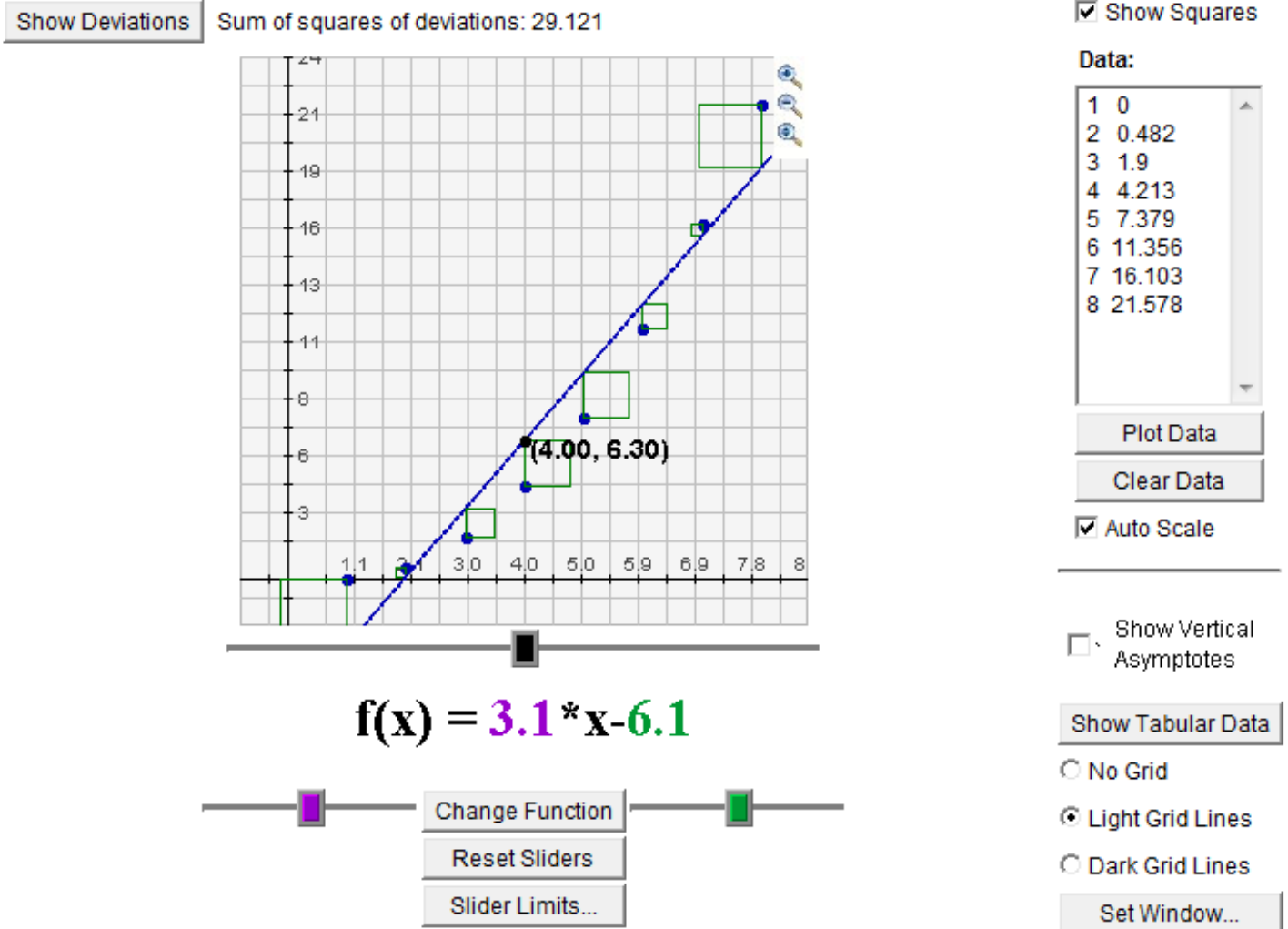


Name \_\_\_\_\_

<http://shodor.org/interactivate/activities/DataFlyer/>



Use this set of 4 pairs of (x, y) values using Data Flyer:

1	1	(1, 1)
1	3	(1, 3)
5	6	(5, 6)
5	10	(5, 10)

Using the Data Flyer application, find the best fitting LINEAR EQUATION for the 4 pairs of (x, y) values.  $f(x) = m x + b$  or  $y = m * x + b$  or  $y = mx + b$ .

You are finding values for the SLOPE m and the INTERCEPT b for the equation.

10. What is the sum of the squares of the deviations for your function?
11. What is the SLOPE?
12. What is the INTERCEPT you found?