

Algebra

Name: \_\_\_\_\_

Writing a Linear Model from a Scatter Plot Date: \_\_\_\_\_ Pd: \_\_\_\_\_

The results of a survey of 7 high school students are listed below. Plot the data on the coordinate plane.

Hours Worked	4	6	2	3	7	5	3
Total Pay	25	39	11	21	35	30	15



Pick two points and draw a line through the data. Use those two points to write an equation in slope-intercept form.

This equation can be used to predict the pay of a student given the hours worked.

The table below shows my purchases of gasoline for the last month. Plot the data on the coordinate plane.

Gallons	10	7	8	12	5	15	8
Cost	\$27.50	\$21	\$20	\$33	\$13	\$42	\$23.60



Pick two points and draw a line through the data. Use those two points to write an equation in slope-intercept form.

This equation can be used to predict the cost of a purchase given the number of gallons.