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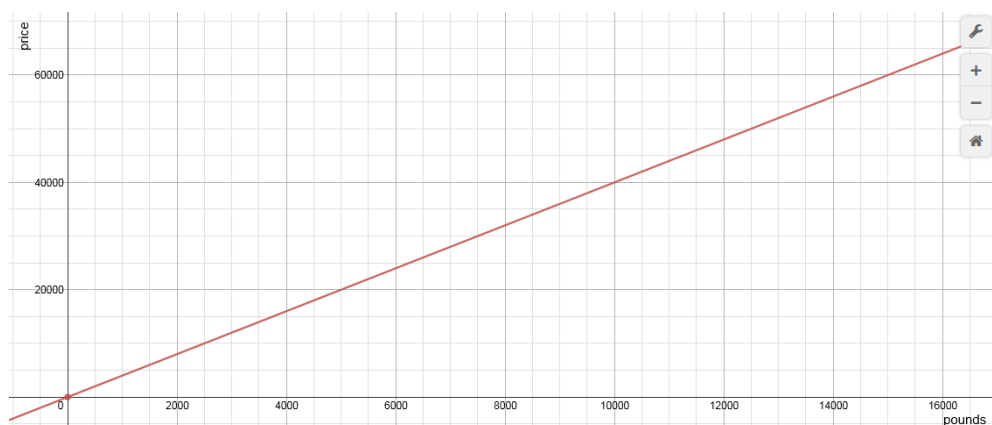
Place-based Problem #1
 Graphing Linear Functions

Sitka is popular commercial fishing port. In fact Sitka is the 2nd largest port of commercial caught halibut in Southeast Alaska.

Imagine that you a commercial fisherman with a boat full of halibut to sell to a seafood buyer. Call a local seafood buyer and ask for the current price per pound for halibut. Create a table and graph to show the relationship between the amount of money a seafood buyer would pay and pounds of halibut.

Sample Work – current price is \$4 per pound of halibut

Pounds of Halibut (Independent)	\$ Amount Seafood Buyer would pay (Dependent)
0 lbs	0
1 lbs.	\$4
10 lbs.	\$40
50 lbs.	\$200
100 lbs.	\$400
500 lbs.	\$2,000
1000 lbs.	\$4,000
10,000 lbs.	\$40,000



$f(x) = 4x$ remember you also want to realize $x \geq 0$ & $y \geq 0$ slope = \$4/1lb.