Parabolas for Profit – Seaside Scoops (Draft 1 of 4)
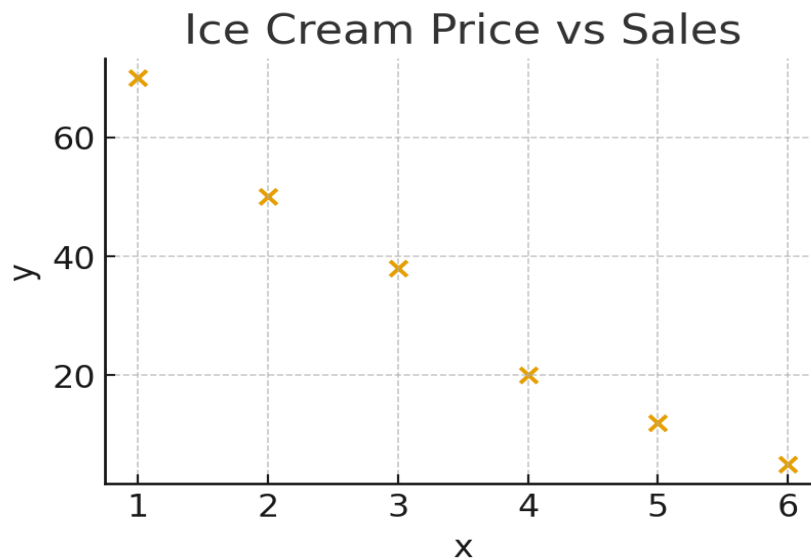
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Overview: I want to find how much to charge for ice cream to make the most money. I asked a few people how much they would pay. I think higher prices make more money but not sure.
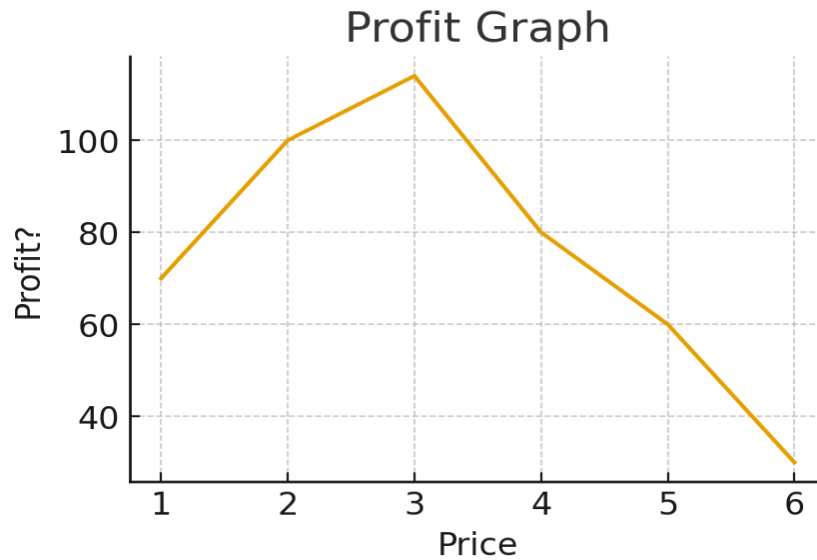
Price and Sales Table:

Price ($)	People Who Will Pay
1	70
2	50
3	38
4	20
5	12
6	5

Graph of Data

Ice Cream Price vs Sales

Profit Graph

Profit Graph

Summary: I think the best price is $6 because it is the biggest number on the graph. If we charge more, we make more money.

Teacher Feedback:

- Missing regression line and proper labeling on graphs.
- Used total revenue instead of profit (forgot to subtract cost).
- Assumed higher price always means higher profit.
- No connection to parabolas yet.
- Needs fixed costs, equations, and reasoning tied to data.