The following tables represent the costs from two skating companies: Rollaway Skates and Wheelie's Skates and Stuff.

Rollaway Skates

Number of People	Cost
0	$0
1	$5
2	$10
3	$15
4	$20
5	$25
6	$30
7	$35
8	$40

Wheelie's Skates and Stuff

Number of People	Cost
0	$100
1	$103
2	$106
3	$109
4	$112
5	$115
6	$118
7	$121
8	$124

C. Use Desmos.com to create a graph of the two equations. Create a sketch of the graph, showing where the lines cross.

Describe when Rollaway Skates is cheaper and when Wheelie's is cheaper.

a. For each company, explain why the relationship between the number of people and cost is linear?

b. For each company write an equation for the cost and number of people in slope-intercept form.

Sketch the graph on the back of this sheet.