Algebra 1 -- Module 1: Functions F – 4.5: Homework
 Name

 Pd

 Date

Jessie wants a new paddleboard, however, she doesn't want to buy the paddleboard until she gets herself out of debt (she currently owes other people money so her cash balance is actually a negative value right now).

The following function, C(m), is represented symbolically, by a table, and by a graph. The function, the table and the graph represent Jessie's cash balance based upon how many months, m, she has been working to get out of debt with a goal of saving enough money to buy a new paddleboard.

$$C(m) = -1980 + 220m$$

т	C(m)
0	- 1980
5	- 880
10	220

- 1. What is Jessie's cash balance after 5 months of working? (include units)
- Which representation did you use to answer question 1 (the function, the table or the graph)? Explain why you used that representation.
- 3. What is Jessie's cash balance after 16 months of working? (include units)

Cash Balance

4. Which representation did you use to answer question 3 (the function, the table or the graph)? Explain why you used that representation.

