Name _____   Date _____

5. John's sandwich had a mass of 189 grams. After he took one bite, the mass was 159 grams.

A. John made a table to predict the mass of the sandwich after each bite. He used the same mass for each bite. Complete the table.

John's Sandwich

N Number of Bites	M Mass of Sandwich (grams)
0	189
1	159
2	
3	
4	
5	

B. Assuming that each of his bites has the same mass, predict the Number of Bites (*N*) it will take John to eat his whole sandwich. Show or tell how you made your prediction.

C. Write a rule to find the mass of John's sandwich (*M*) if you know the number of bites (*N*).

6. Use your answers to Questions 4 and 5 to answer these questions:

A. Who has a bigger bite size, Nila or John?

B. How are Nila and John's rules alike?

C. How are they different?

Patterns and Problems