



Check-In: Questions 9–10

9. Professor Peabody is planning a 7-day trip. He decides to leave 40 grams of food for his hamster, named Ham. He started this data table.

A. Complete the table.

B. Complete Ham’s food graph below using Professor Peabody’s data. If the points form a line, draw a best-fit line.

Ham’s Food

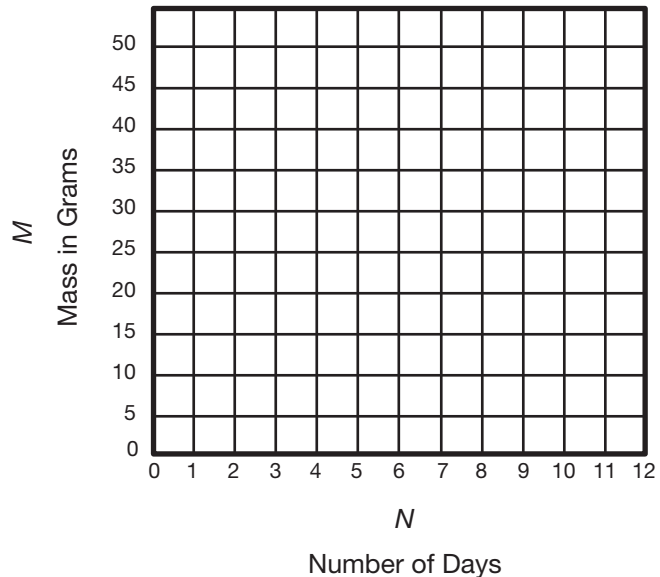
<i>N</i> Number of Days	<i>M</i> Mass (Grams)	Ordered Pairs (<i>N</i> , <i>M</i>)
0	40	(0, 40)
1	35	(1, 35)
2	30	(2, 30)
3	25	(3, 25)
4		
5		
6		
7		

10. Use the table or graph to answer these questions.

A. How many grams of food does the hamster eat each day?

B. Write a rule that will tell Professor Peabody the Mass in Grams (*M*) of the food if he knows the Number of Days (*N*). You may use words or number sentences.

Ham’s Food



C. Is 40 grams enough food for 7 days? Show or tell how you know.