

Pretzels



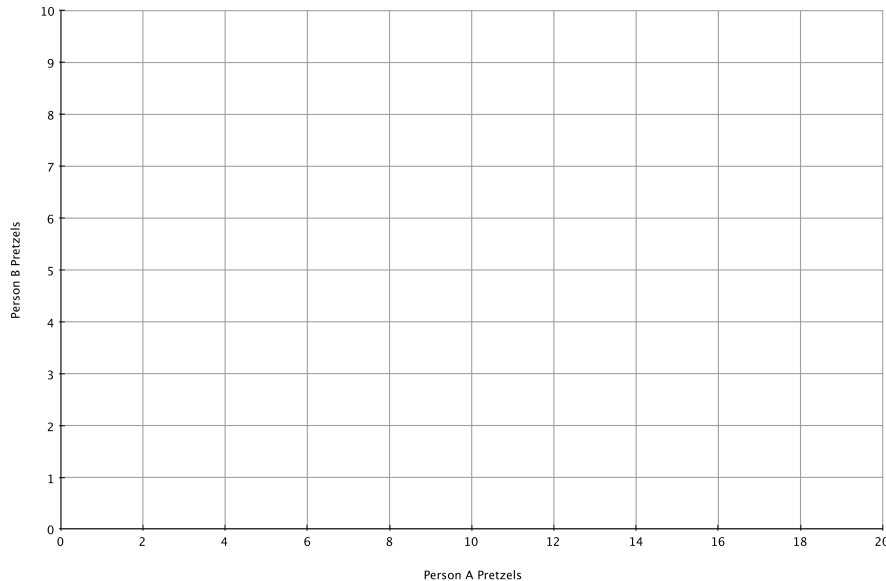
Task 1

You and your partner will have a bag of pretzels. Take turns getting pretzels for your pile as follows: Person A takes 3 pretzels each turn and Person B takes 1 pretzel each time. Continue taking turns, each time recording the total number of pretzels each person has, until Person B has 6 pretzels.

Total # of Pretzels

Person A	0	3	6				
Person B	0	1					

Graph the points from the table above.



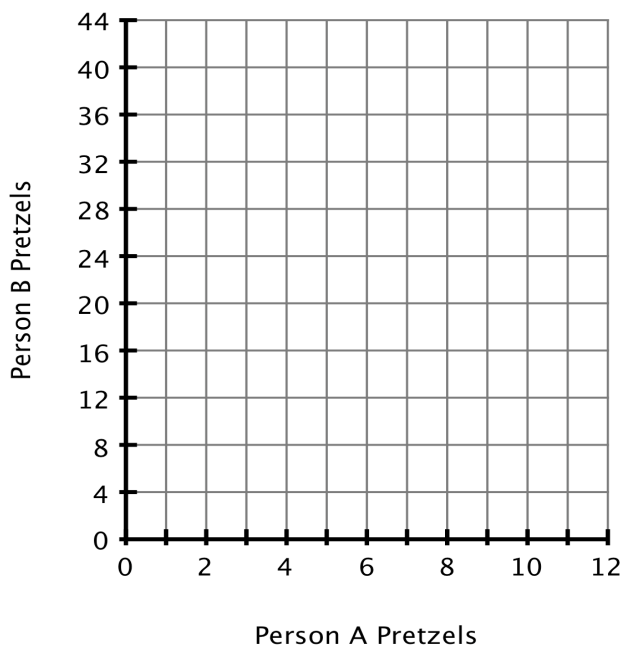
Task 2

You and your partner will have a bag of pretzels. Take turns getting pretzels for your pile as follows: Person A takes 1 pretzel each turn and Person B takes 1 pretzel on turn 1, then 2 pretzels on turn 2, then 3 pretzels on turn 3, etc. Continue taking turns, each time recording the total number of pretzels each person has, until Person A has 8 pretzels.

Total # of Pretzels

Person A	0	1	2						
Person B	0	1	3						

Graph the points from the table above.



Analysis Questions

1. What is similar about the way you were taking pretzels in the two tasks?

In **both** tasks, we _____.

2. What is different about the way you were taking pretzels in the two tasks?

In Task 1, I _____ **but** in Task 2, I _____.

3. What is similar about the tables?

_____ is the **same** in both tables.

4. What is different about the tables?

_____ is **different** in the tables.

5. What is the same about the graphs?

Both graphs _____.

6. What is different about the graphs?

The graph of task 2 is **different** because _____.