

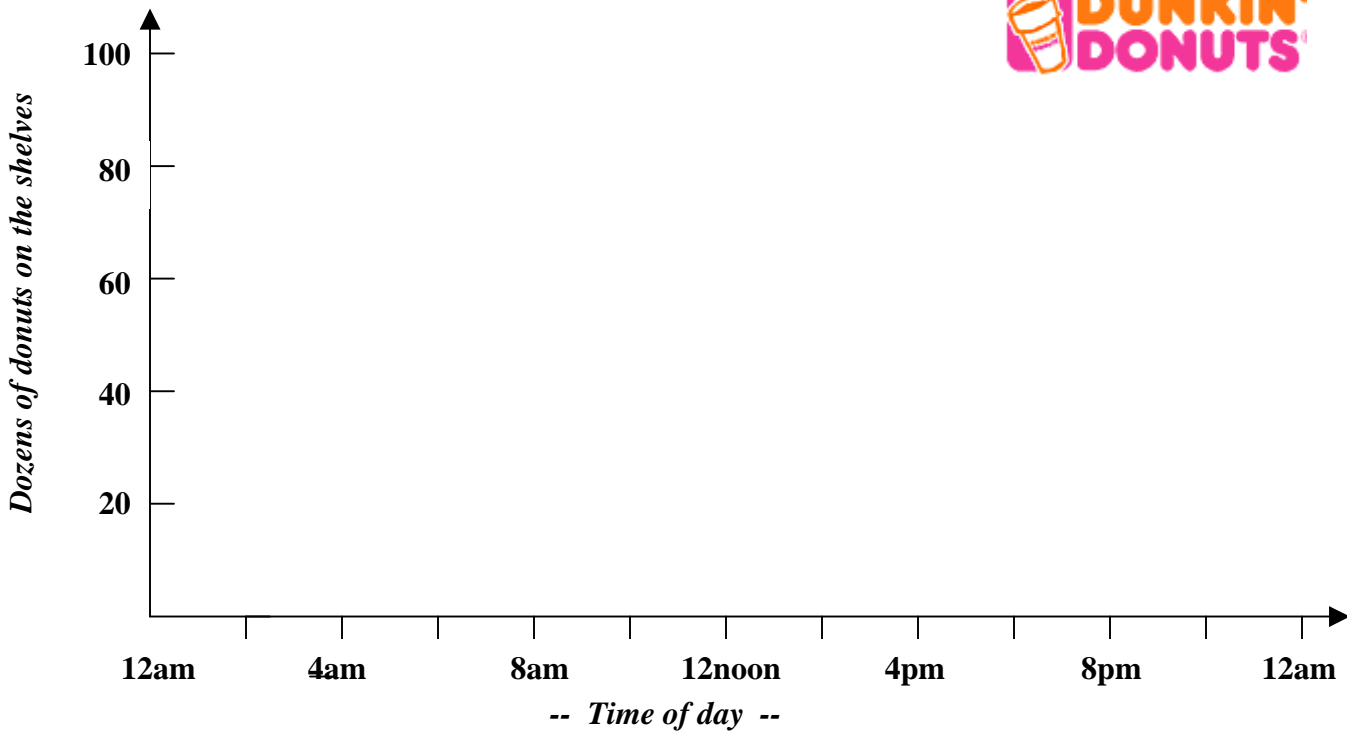
Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_\_

# DUNKIN' DONUTS

Bobbie the baker works at Dunkin' Donuts. At midnight, Bobbie takes all of the old donuts off of the shelves and donates them to the local food pantry. Over the next four hours, she makes the donuts for the new day. As each batch of donuts is ready, she puts them on the shelves to be sold. Altogether she makes 100 dozen donuts. At the end of a typical day, there are about 4-5 dozen donuts left on the shelves.

Draw a line graph below that estimates the amount of donuts on the shelves at various times throughout the day. Use your knowledge of a donut shop to predict when the most donuts will be sold. Think about how this information will affect your graph.



**Write a story** on a separate sheet of lined paper. Use the space below for pre-writing. During what time of day is your line the steepest going up from left to right? What is happening at this time? During what time of day is your line steepest from going down from left to right? What is happening at this time?