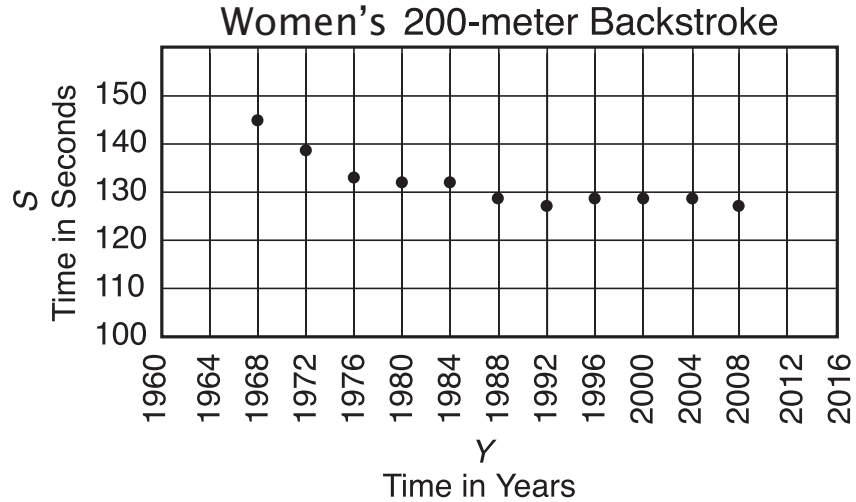


# X Story of the Graph



The graph below shows the winning times for Women’s 200-meter Backstroke at the Olympics.



1. What variable is plotted on the horizontal axis?  
\_\_\_\_\_

2. What variable is plotted on the vertical axis?  
\_\_\_\_\_

3. A. What was the winning time in 1968 in minutes and seconds? \_\_\_\_\_

B. What was the winning time in 2008 in minutes and seconds? \_\_\_\_\_

4. Do any of the points lie close to a line on any part of the graph? If so, draw best-fit lines for each set of points.

5. A. If possible, predict the winning time for the 2016 Olympics. Show or tell how you made your prediction.

B. What do you think the winning time would have been if this event were part of the 1964 Olympics?