Tables and Line Graphs Worksheet
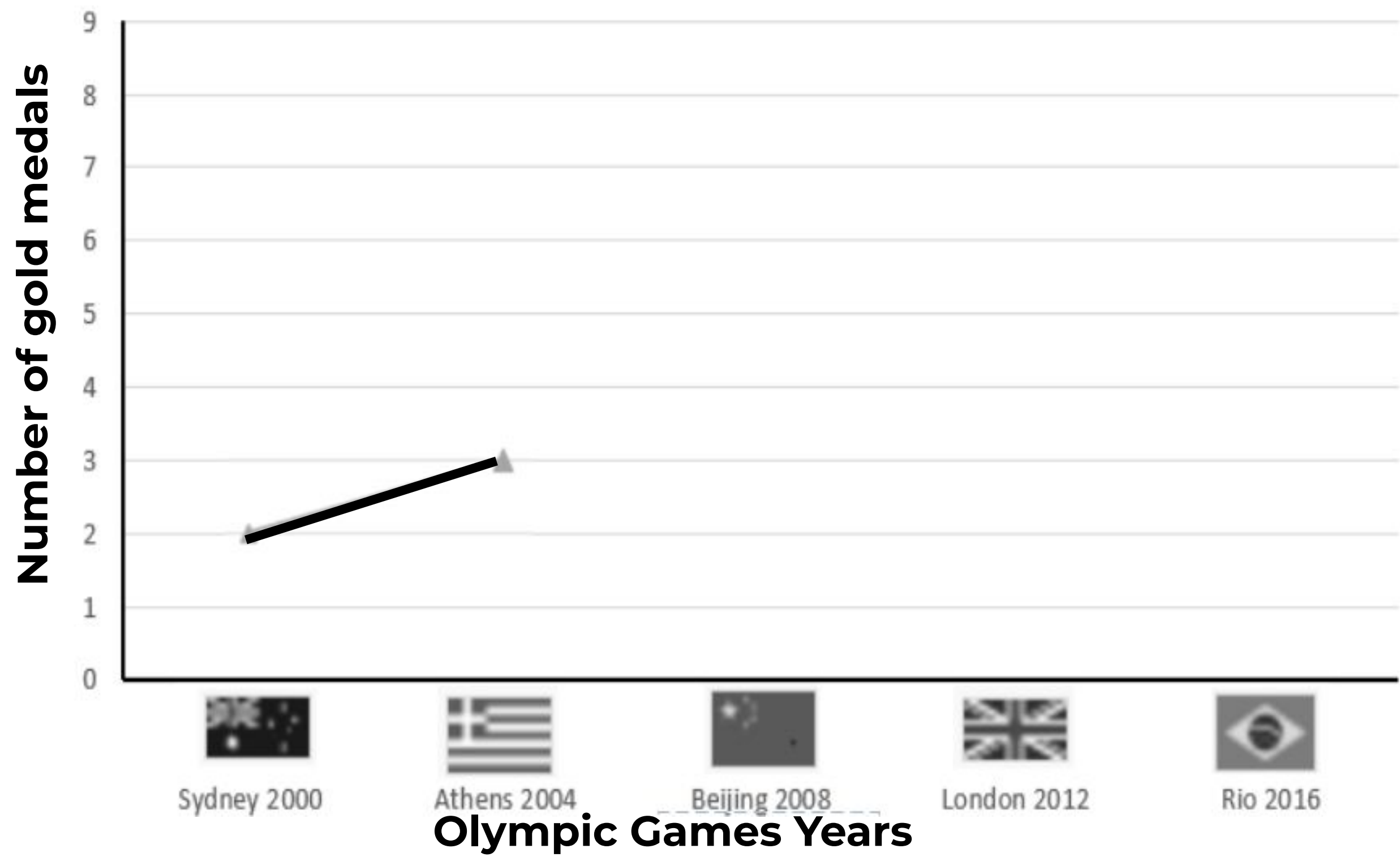
Mr Ward

1. **Complete the table and plot the line graph accurately.**
2. **Make factual statements about the data provided.**

Team GB gold medals in cycling

Number of gold medals (y-axis)

9, 8, 7, 6, 5, 4, 3, 2, 1, 0

Sydney 2000   Athens 2004   Beijing 2008   London 2012   Rio 2016

Olympic Games Years

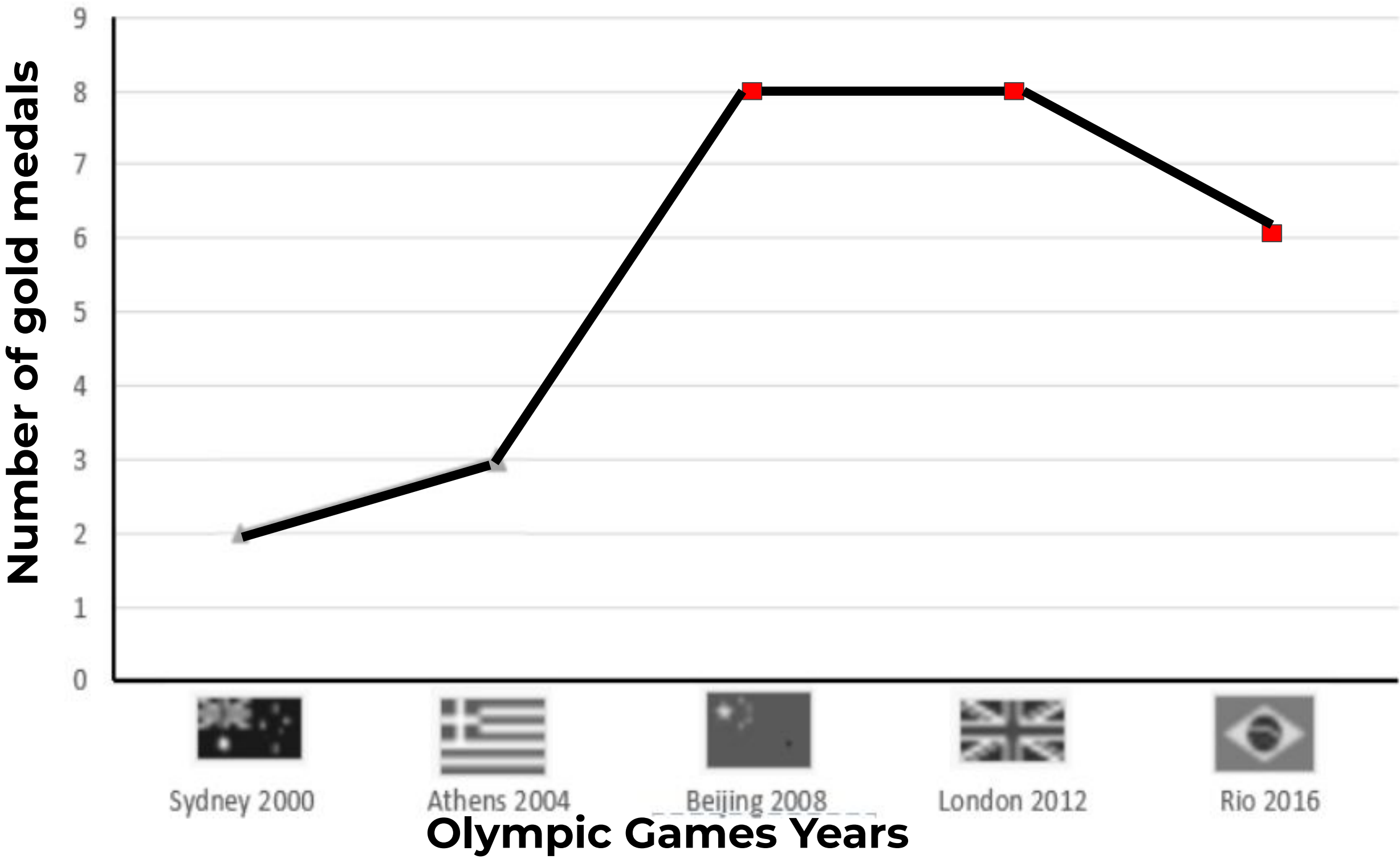| Team GB gold medals in cycling		
Olympic games	Year	Number of gold medals
Sydney	2000	
	2004	
Beijing		8
	2012	8
Rio		6

Olympic Games

2

1. **Complete the table and plot the line graph accurately.**
2. **Make factual statements about the data provided.**

Team GB gold medals in cycling

Number of gold medals (y-axis)

Olympic Games Years

Sydney 2000 · Athens 2004 · Beijing 2008 · London 2012 · Rio 2016

| Team GB gold medals in cycling		
Olympic games	Year	Number of gold medals
Sydney	2000	2
Athens	2004	3
Beijing	2008	8
London	2012	8
Rio	2016	6

Olympic Games

3

Talk Task Answers
1. Complete the table and plot the line graph accurately.
2. Make factual statements about the data provided.

Team GB gold medals in cycling

Number of gold medals (y-axis)

Olympic Games Years (x-axis)

Sydney 2000 | Athens 2004 | Beijing 2008 | London 2012 | Rio 2016
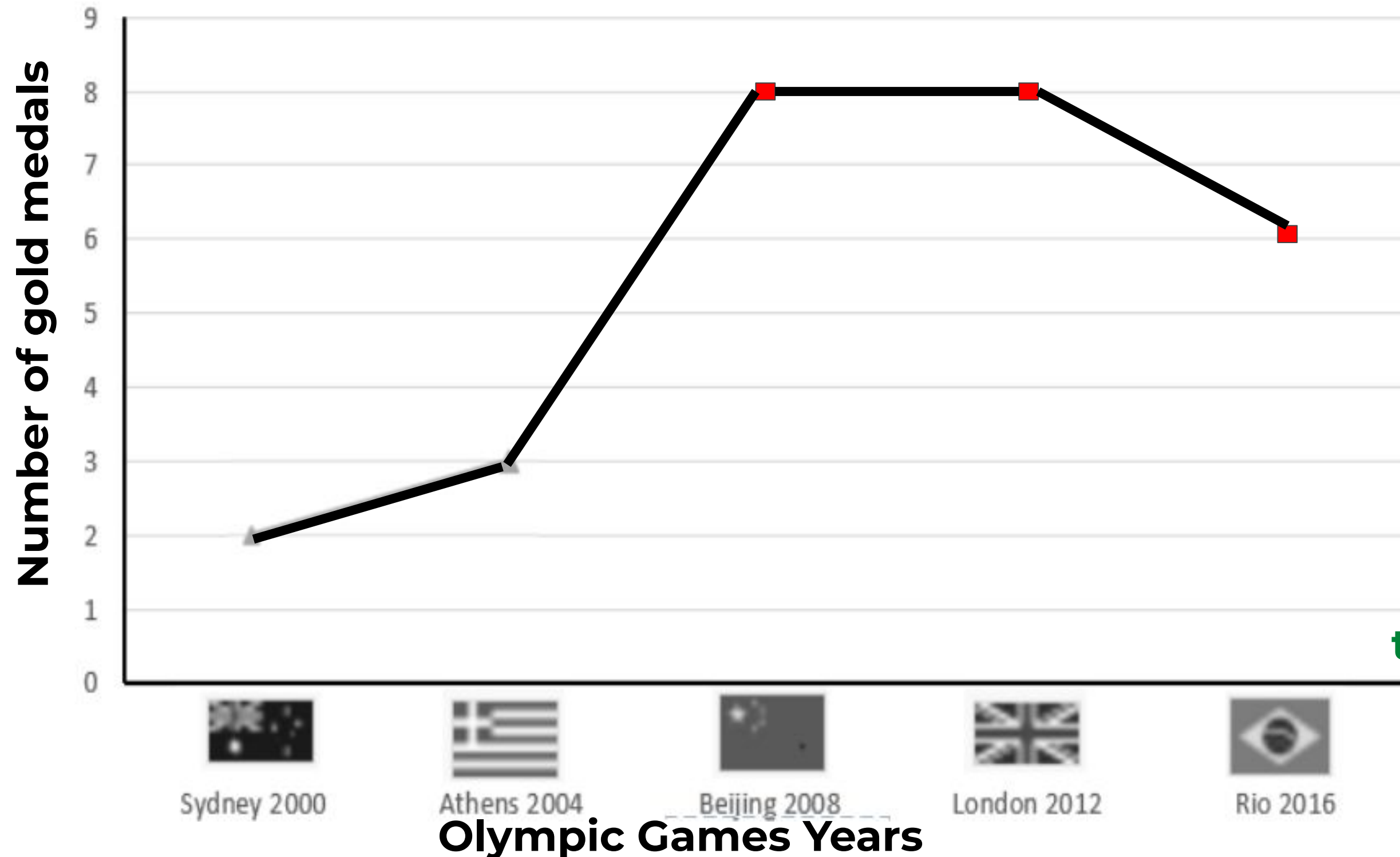
Factual Statements

1. GB won 27 gold medals over the last five Olympic Games

2. GB won more gold medals in 2008 than in 2000 and 2004 combined.

3. GB won fewer gold medals in 2004 than in 2016.

Predictions

In 2020, GB will win 6 or less as the data suggests the number of gold medals is decreasing

1. Complete the tables and line graphs for both sets of data
2. Use the data from both graphs to answer the questions.
3. Extension - Create 3 factual statements about each graph

Team GB gold medals in Athletics

Number of gold medals (y-axis)
Olympic Games Years (x-axis)
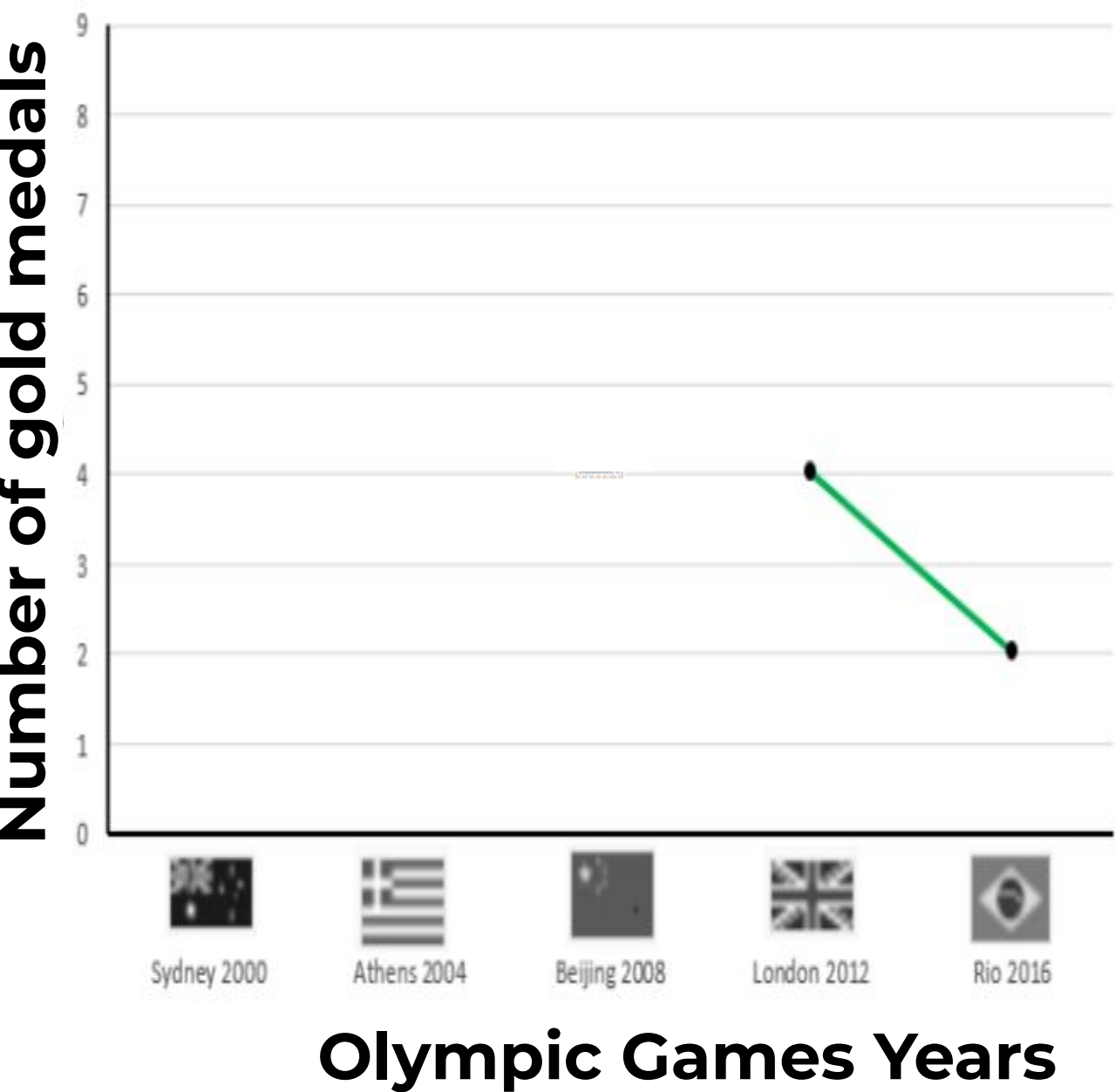
Team GB gold medals in athletics		
Olympic games	Year	Number of gold medals
Sydney	2000	2
Athens	2004	3
Beijing	2008	1
London	2012	
Rio	2016	

Team GB gold medals in Sailing

Number of gold medals (y-axis)
Olympic Games Years (x-axis)
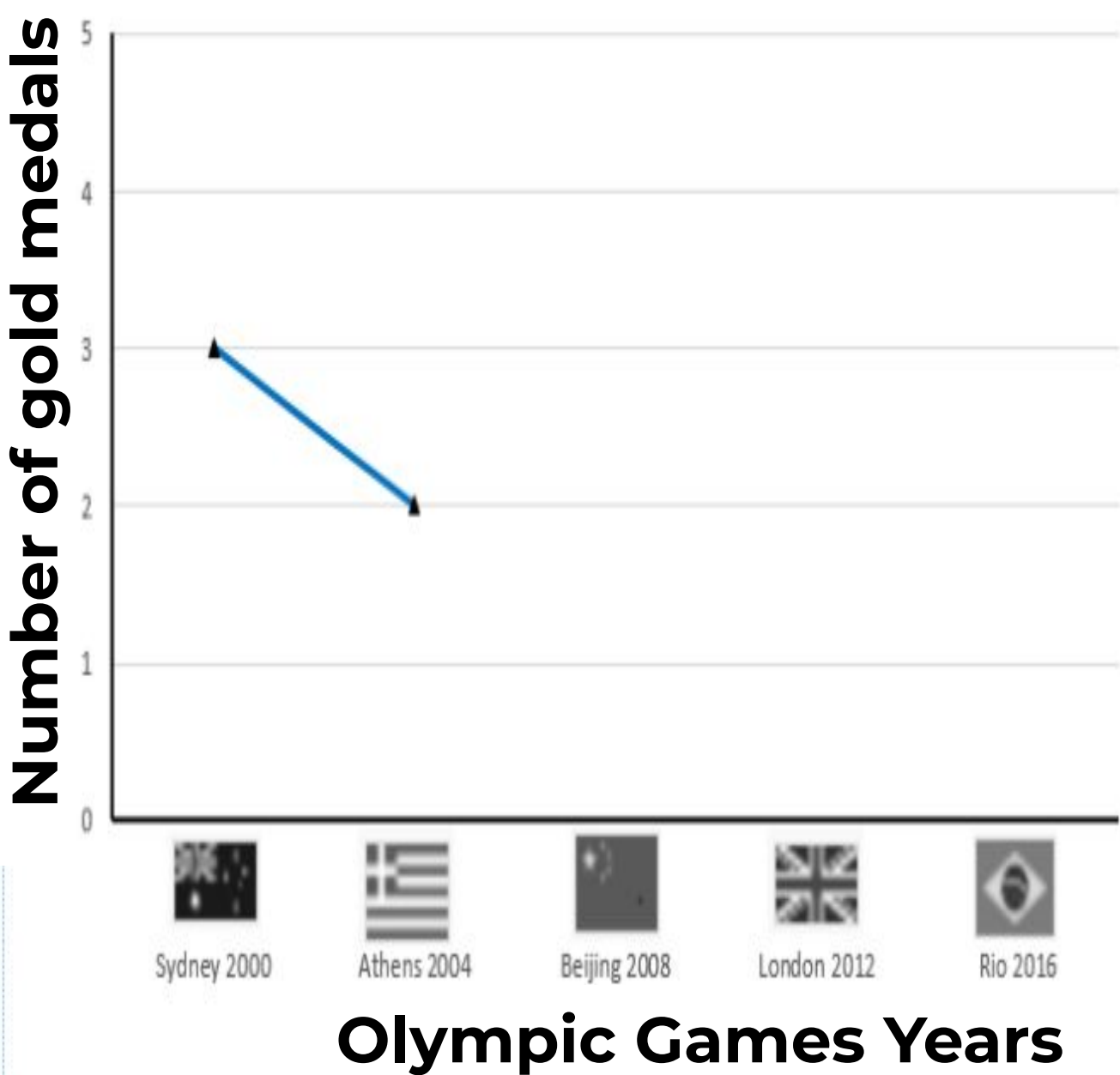
Team GB gold medals in sailing		
Olympic games	Year	Number of gold medals
Sydney	2000	
Athens	2004	
Beijing	2008	4
London	2012	1
Rio	2016	2

Questions - Read carefully

For each set of data, answer these questions.
Then generate three factual statements about the data.
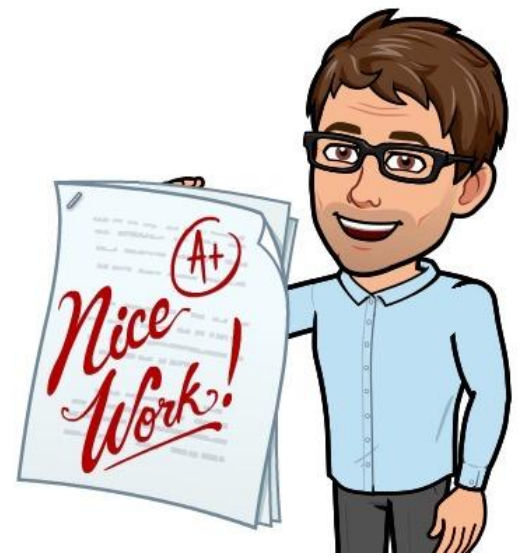
1) What is the total number of gold medals won in the sport since 2000?

2)   In which year did the team improve the most?

3) What do you predict for Tokyo 2020 and why?

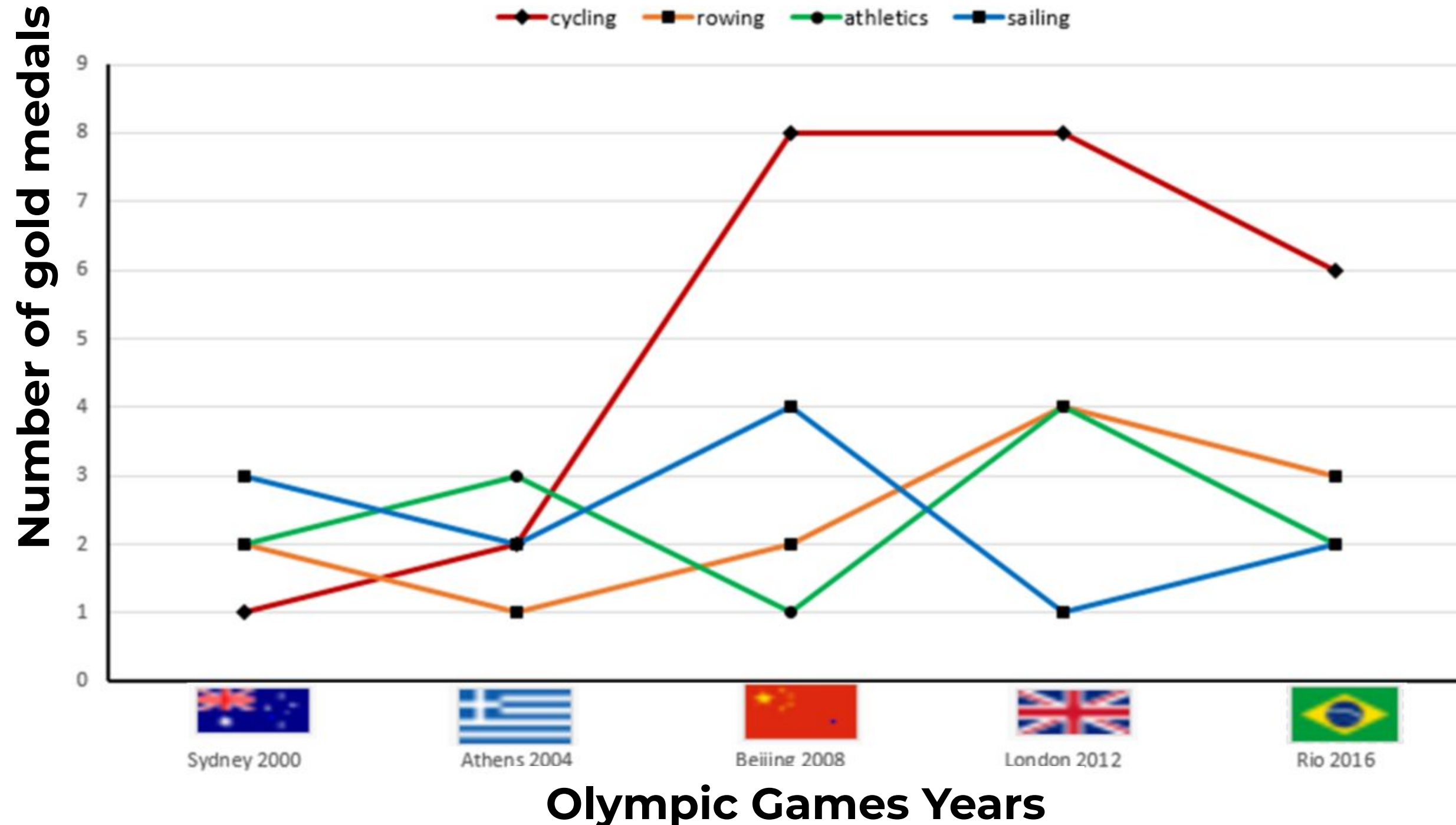4) What can you say about comparing the number of medals won in 2016 to the number in 2012?

Challenge Slide

Don't forget to pause the video if you want to have a go!

CHALLENGE Accepted!

Gold medals won by Team GB in a range of Olympic Sports

— cycling   — rowing   — athletics   — sailing

Number of gold medals

Olympic Games Years

Sydney 2000 | Athens 2004 | Beijing 2008 | London 2012 | Rio 2016

What was the total number of medals won by Team GB at all five Olympic Games?

Which year was the most successful year for Team GB and why?

What was the average number of medals won in each sport for the past five Olympic Games? You may round to the nearest whole number.