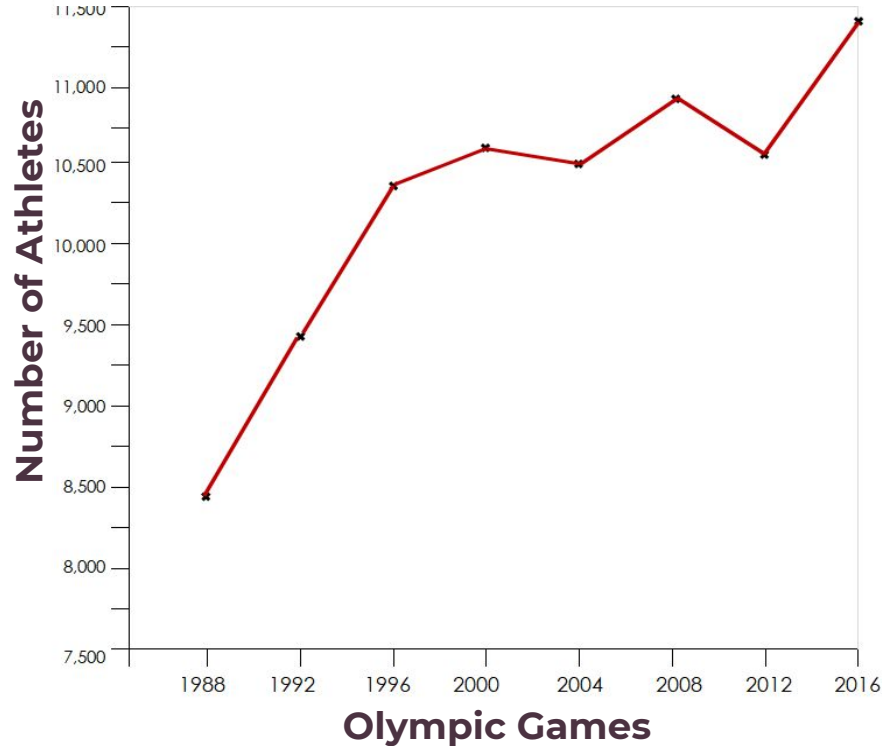


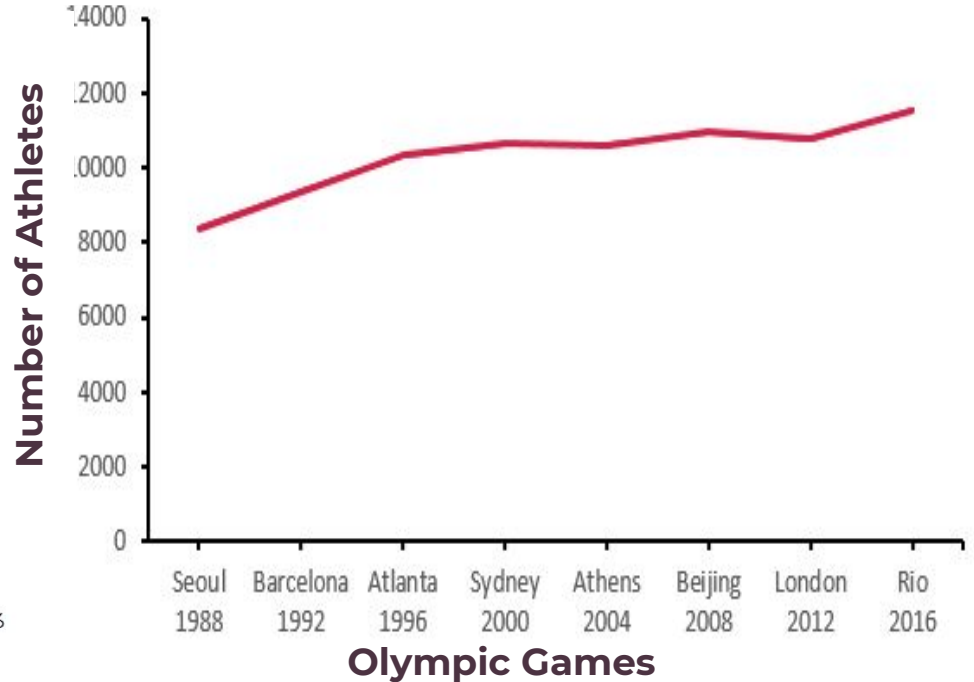
Talk Task

Compare the two line graphs. What statements can we make?

Number of athletes participating in the Olympics



Number of athletes participating in the Olympics



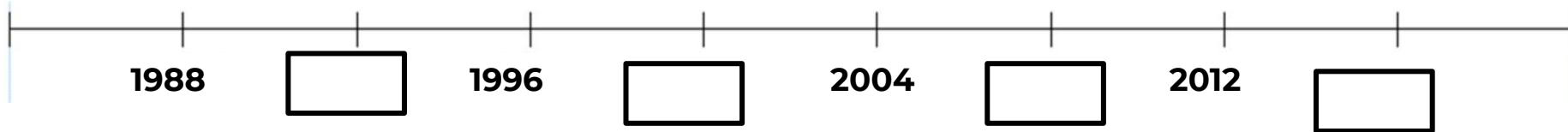
What's the same?



What's different?

Reading scales - Intervals

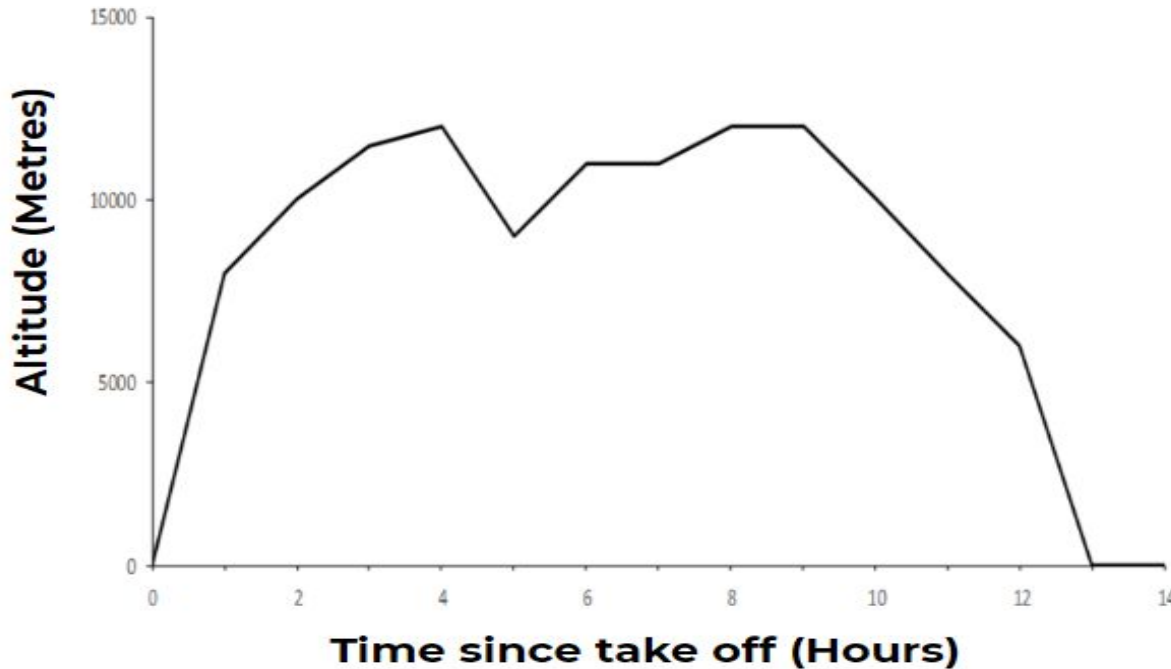
Fill in the empty boxes with the correct intervals



Use the information from the graph to answer the following questions

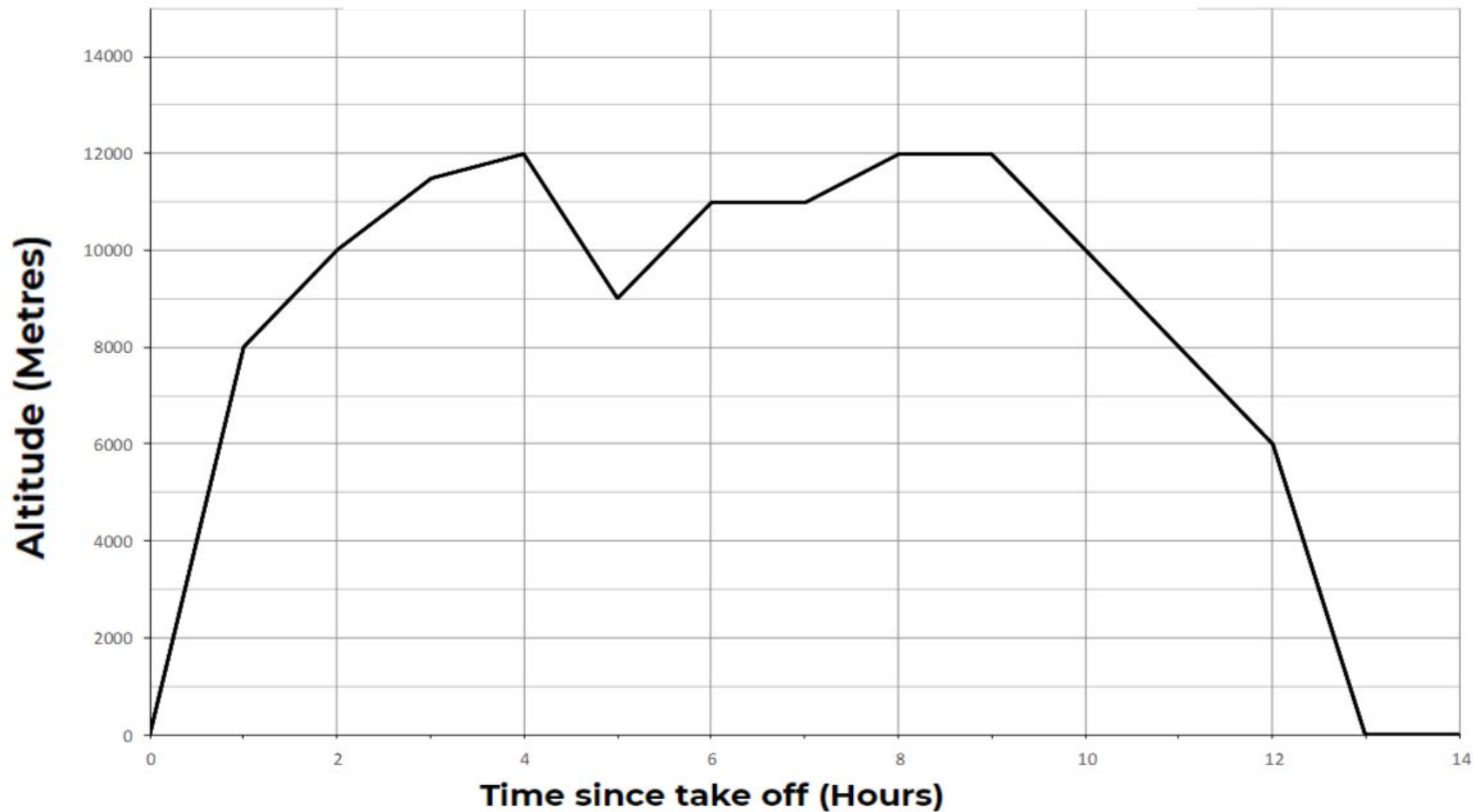
(see larger version of graph on next slide!)

Altitude of plane flight from London to Rio

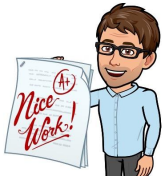


- 1) What was the approximate **altitude** of the plane at these times:
 - a) **3 hours after** take off
 - b) **30 minutes before** the plane landed
 - c) **Halfway** through the flight
- 2) What was the **greatest height** reached by the plane?
- 3) The pilot had to **lower the plane** to avoid a storm. When did this happen and by **how much** was the plane lowered?
- 4) What is the possible story for this flight - include information from the graph in your story.
- 5) What questions can you generate that can be answered by the graph?

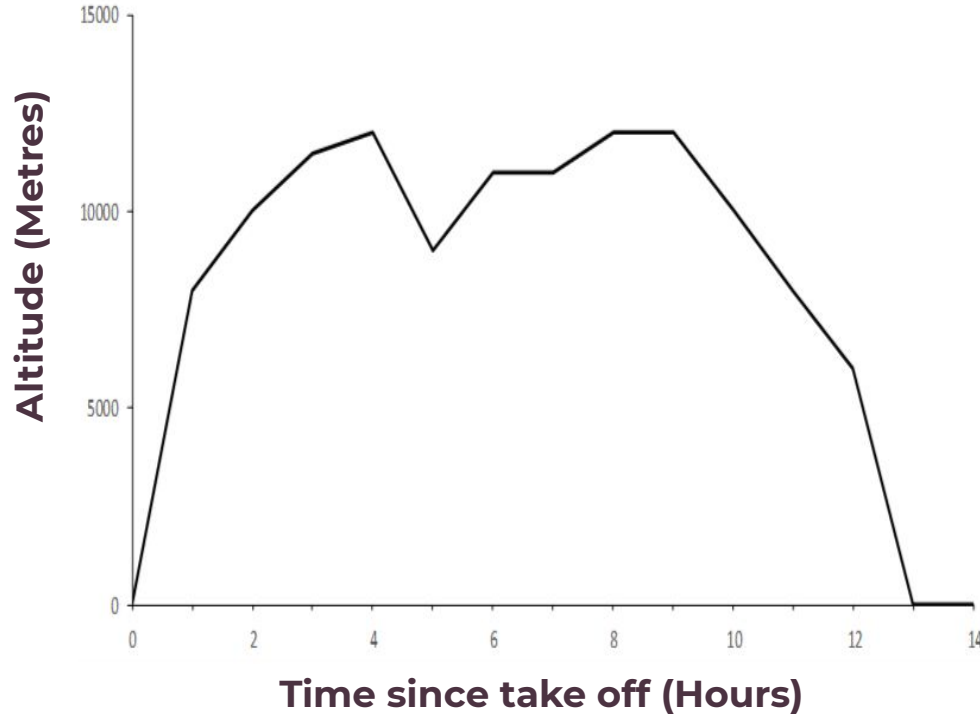
Altitude of plane flight from London to Rio



Final Answers



Altitude of plane flight from London to Rio



1a) Approximately 11,500 metres

1b) Approximately 3,000 metres

1c) Exactly 11,000 metres

2) 12,000 metres

3) Pilot dipped **4 HOURS** into the flight and dropped **3,000 metres**

4) Open answer - your stories are based on the information provided

5) Many different answers - e.g. How much time did it take the plane to reach its highest altitude during the flight?

Challenge Slide

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



Sequences

Look at the following sequences and try to work out:

a) The next two numbers

b) The tenth number in the sequence

a) 2, 3, 5, 9, 17,,

b) 1, 1, 2, 3, 5, 8,,

c) 3, 15, 9, 21, 15, 33,,
.....