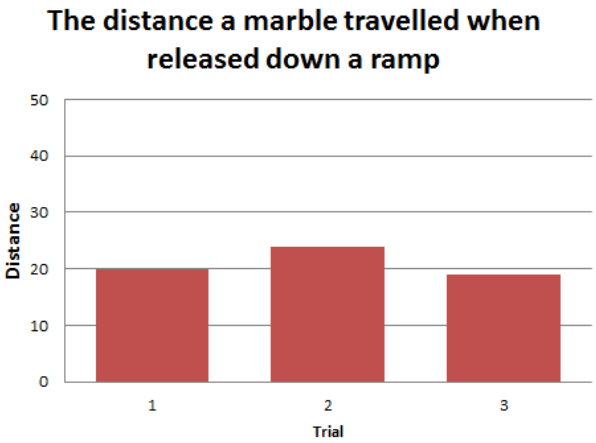
Reading graphs

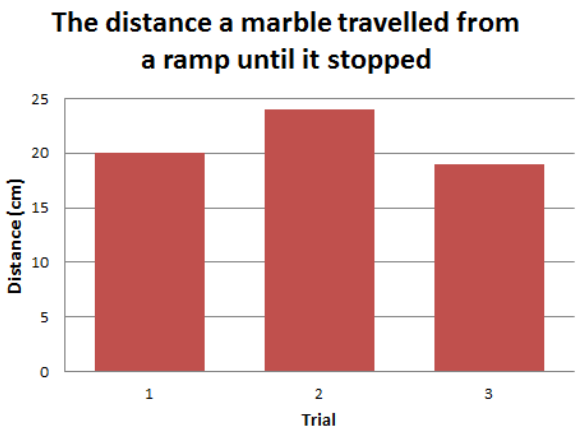
This task is about reading information from graphs.

Sienna and Wiremu's team rolled a marble down a ramp three times. They measured the distance from the bottom of the ramp to where each marble stopped. They wrote the results in the data table below.

Trials	Distance marble travelled
1	20 centimetres (cm)
2	24 centimetres (cm)
3	19 centimetres (cm)



Wiremu's graph



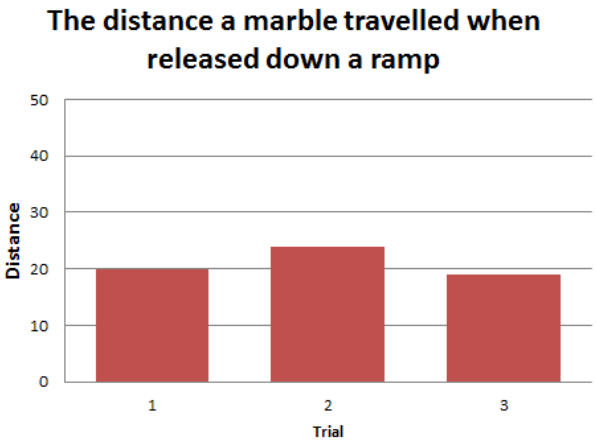
Sienna's graph

Sienna and Wiremu each drew a graph from the data collected. The teacher asked Henri to look at the two graphs and write down all the things that were the **same** about them. Henri wrote that both graphs:

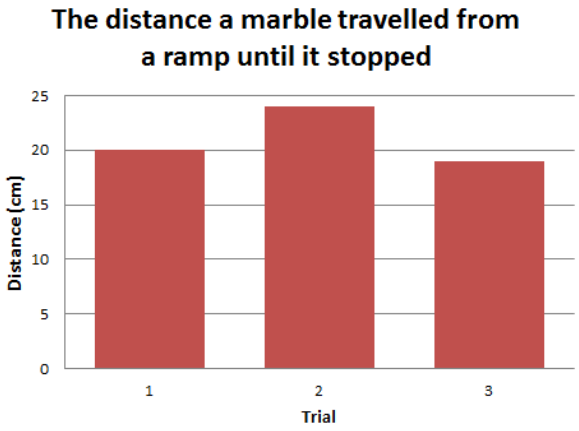
- were bar graphs
- had a distance label on the same axis (side of the graph).

a) Is there anything that was the **same** in both the graphs that Henri missed? *Yes* / *No*

Explain why you think this.



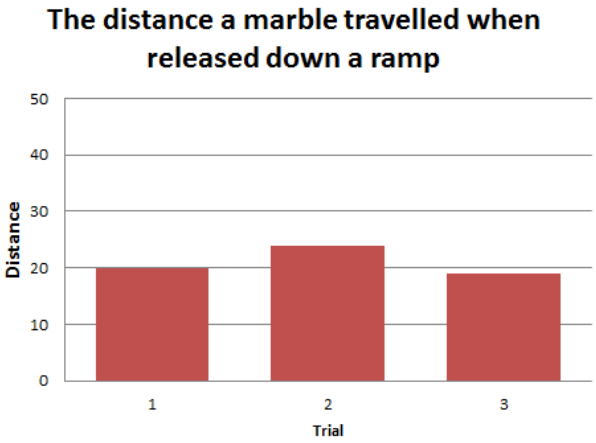
Wiremu's graph



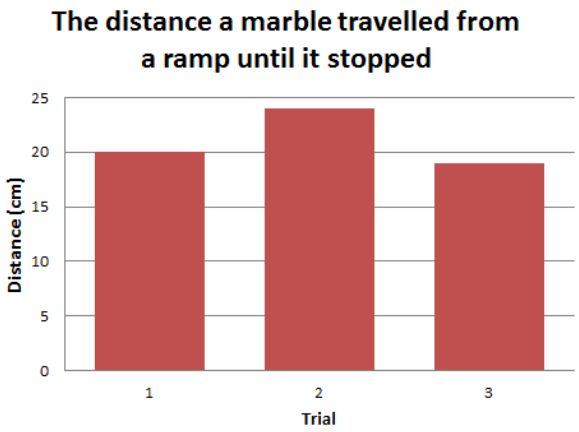
Sienna's graph

b) Is there anything that is **different** in both graphs? *Yes* / *No*

Explain why you think this.



Wiremu's graph



Sienna's graph

c) Which is the easier graph to read? *Wiremu's* / *Sienna's*

Explain why you think this.

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