12/16 **Force and motion test #1**

You will need to have the following:

- Pencil and ruler
- Notecard
- Access to a calculator
- You may use a white board if you need to
- Book to read when you are finished.

Learning Target: I can demonstrate my understanding of the relationship between distance and time and how to represent that relationship as a graph.

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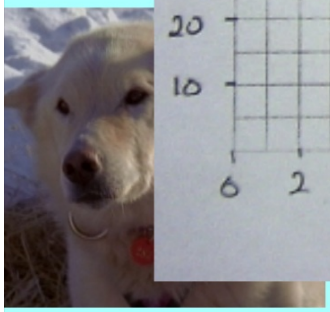
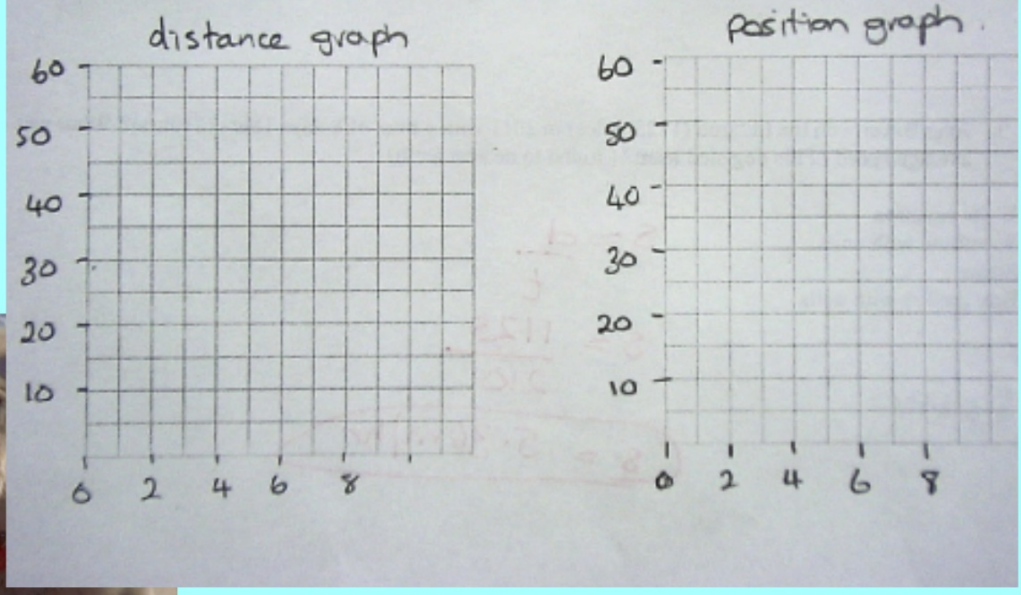
Question 5: Graph set up

Tessa and her family took a bike ride along the Snoqualmie Valley trail. They started at 9am from the North bend library and it took them 3hrs to ride 30 km down the trail. They took a lunch break that lasted an hour. They then turned around and rode back to the library to arriving 4 hours later just befor it got dark.

Draw a distance vs time and a position vs time graph for the journey.





Learning Target: I can demonstrate my understanding of the relationship between distance and time and how to represent that relationship as a graph.

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Number 4 is a line graph

Learning Target: I can demonstrate my understanding of the relationship between distance and time and how to represent that relationship as a graph.