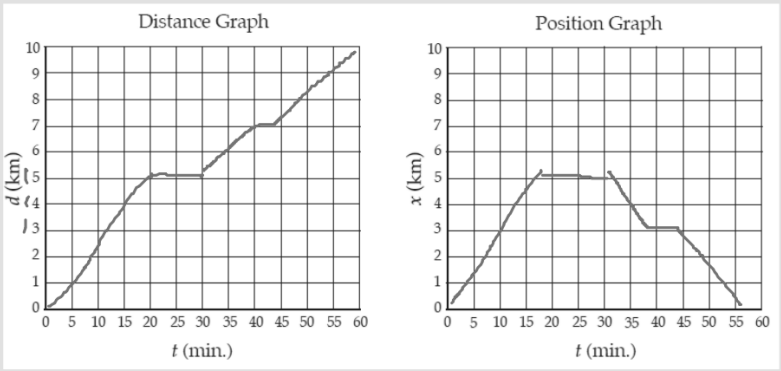
12/12 **Representing Motion** #5

Agenda
entrance
task
story poster
reading

Joe went shopping for gifts. He drove to Target 15 Km away in 20 mins. He shopped for 1 hour. Half way home he stopped at Starbucks for 10 mins before finishing his journey to home.



Create a distance and position graph of joe afternoon. (sketch)

Learning Target: I can use distance vs time and position vs time graphs to describe the speeds of moving objects.

12/12 Representing Motion #5

Complete both sides of the worksheet.

700km

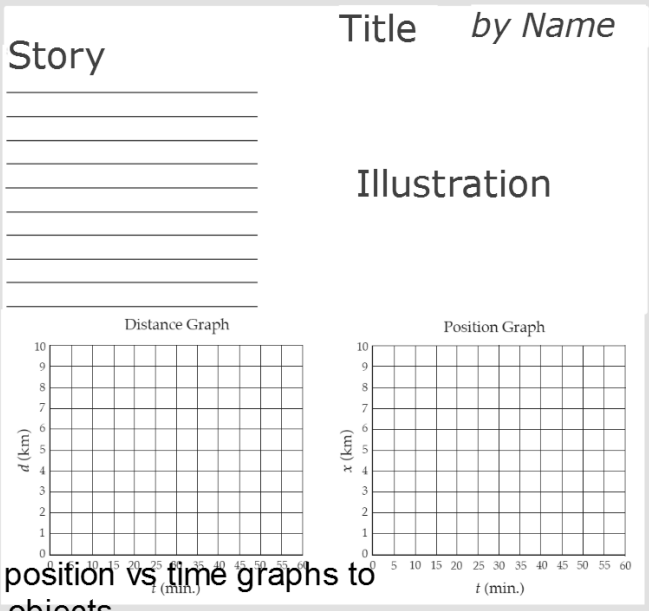
Learning Target: I can use distance vs time and position vs time graphs to describe the speeds of moving objects.

12/12 **Representing Motion** **#5**

On a blank piece of paper write a motion story with at least 4 legs in the journey. On the poster you need to include:

1. Title
2. Motion story (at least 4 legs in the journey)
3. distance vs time graph
4. position vs time graph
5. Illustration

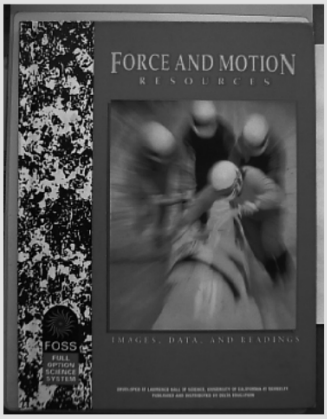
Example set up:



Learning Target: I can use distance vs time and position vs time graphs to describe the speeds of moving objects.

12/12 **Representing Motion** #5

Reading p. 27-31



Answer questions 1 and 2 using the speed equation

Figure 1

Learning Target: I can use distance vs time and position vs time graphs to describe the speeds of moving objects.

Fossweb Choose a Motion Story

http://www.fossweb.com/modulesMS/kit_multimedia/ForceandMotion/motion/motionstory.html