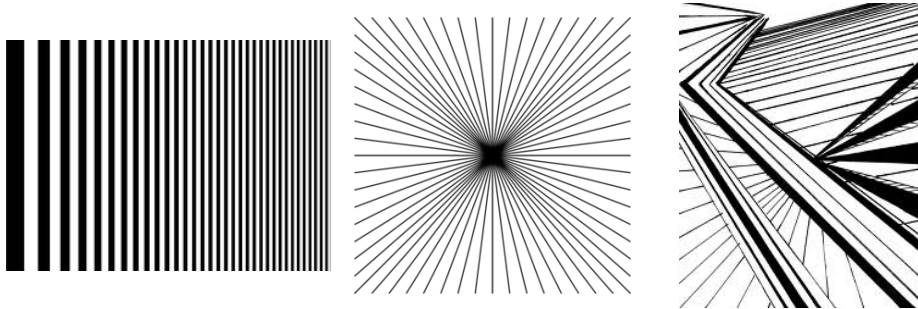


Unit 4: Linear Relations

Lesson 4.1 Interpreting Graphs

You need a ruler for this unit!



Investigate the relationship between distance and me using the CBR... fun stuff!

pg. 114 Blue Workbook

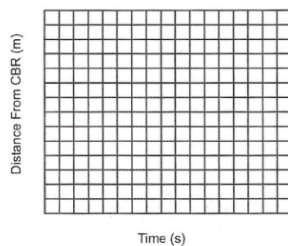
Lesson 4.1 Interpreting Graphs

5.1.1: Walk This Way

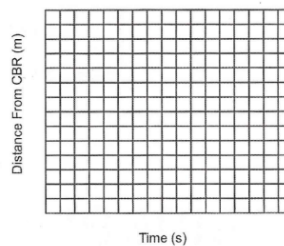
Date: _____

1. Student walks away from CBR™ (slowly).

Prediction

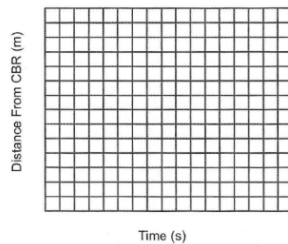


Graph

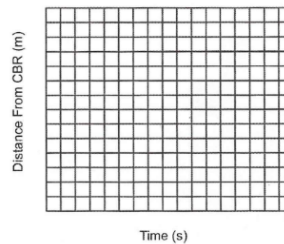


2. Student walks towards CBR™ (slowly).

Prediction

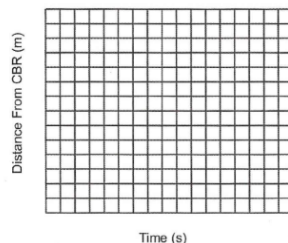


Graph

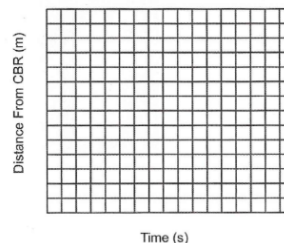


3. Student walks very quickly towards CBR™.

Prediction

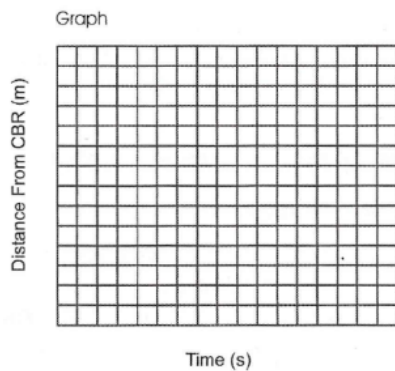
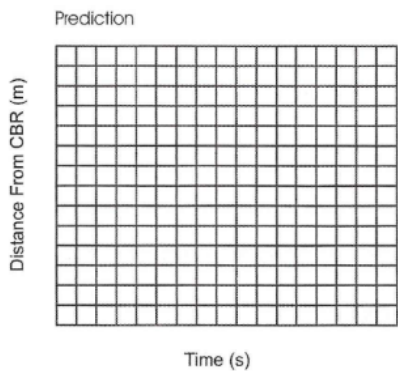


Graph

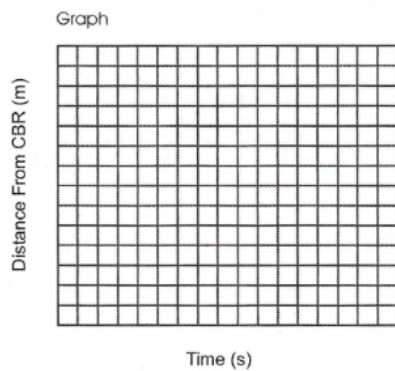
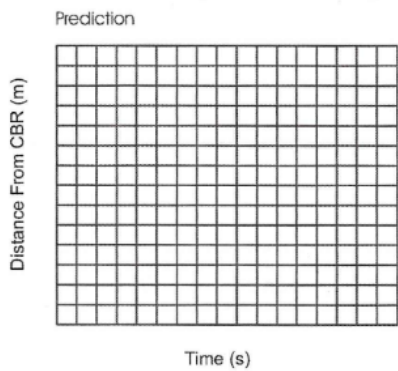


5.1.1: Walk This Way (continued)

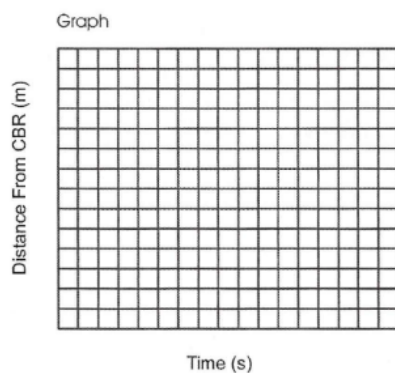
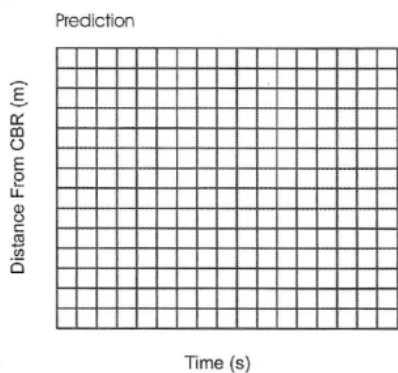
4. Student increases speed while walking towards the CBR™.



5. Student decreases speed while walking away from the CBR™.



6. Student walks away from ranger, at 2 metres stops for 5 seconds, then returns at the same pace.

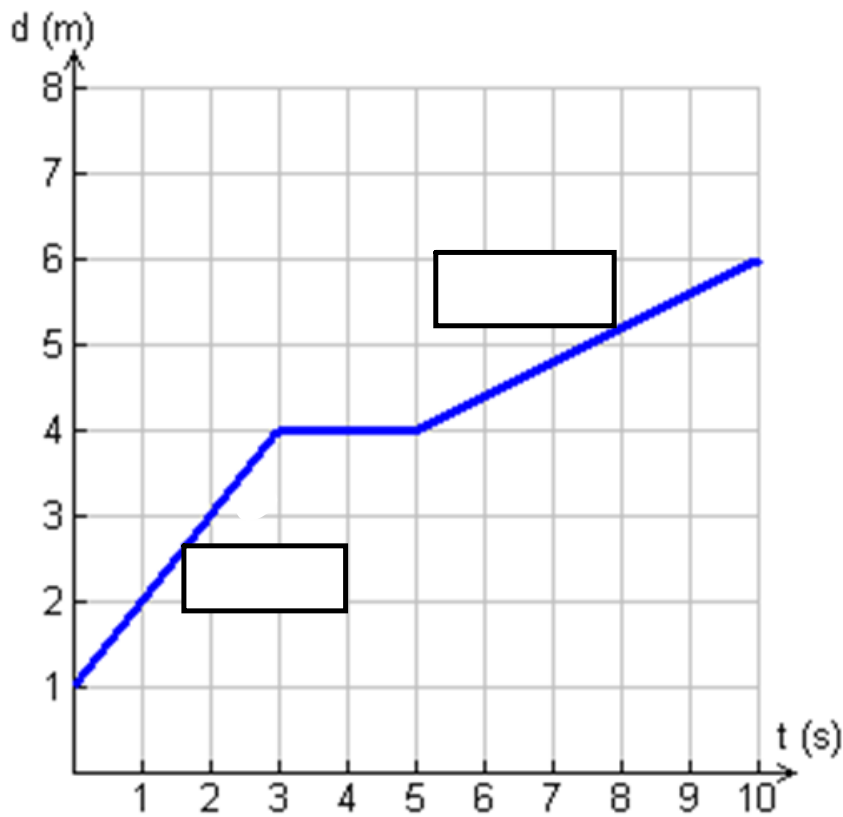
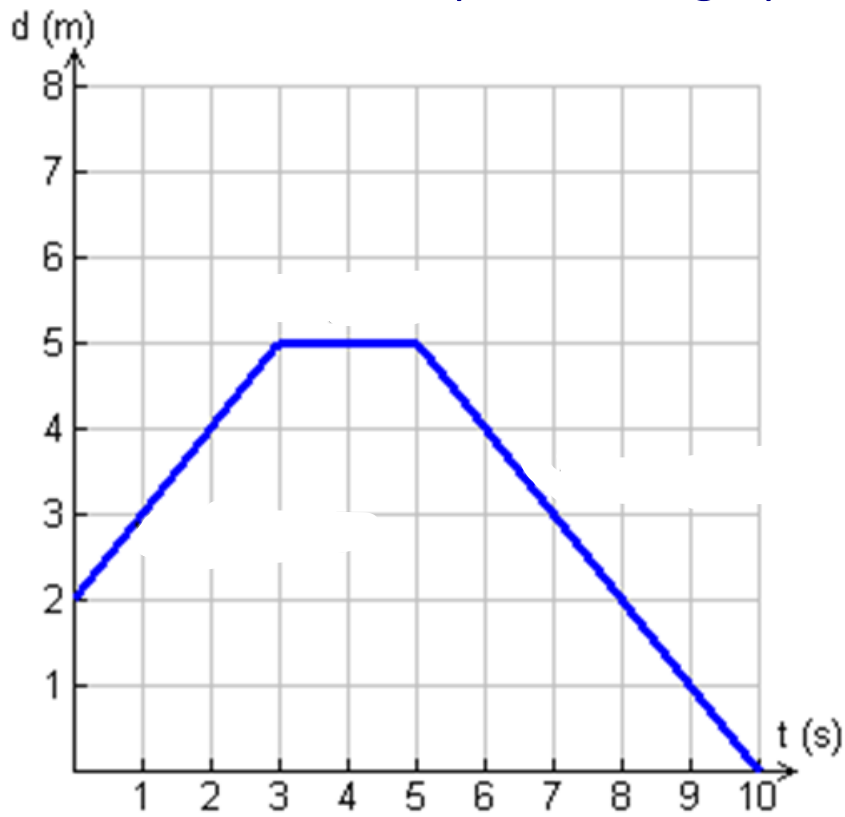


Now writing on the mini-handout...

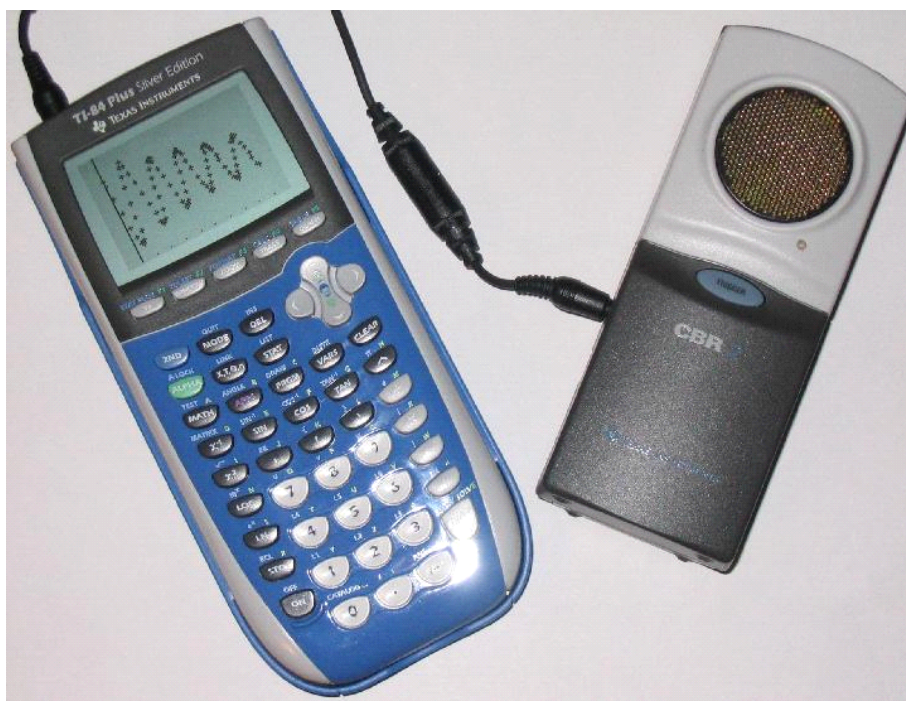
Lesson 4.1

Date: _____

Ex. 1 Interpret these graphs:



CBR - Match me!

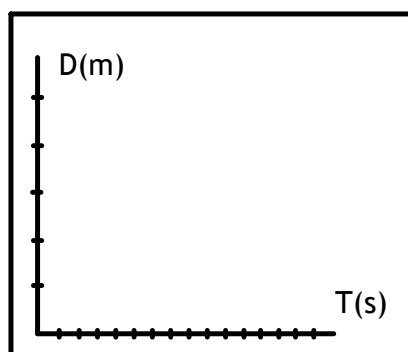


Wring on the back of the mini-handout...

Ex. 2 Draw the graph that matches the descripon given.

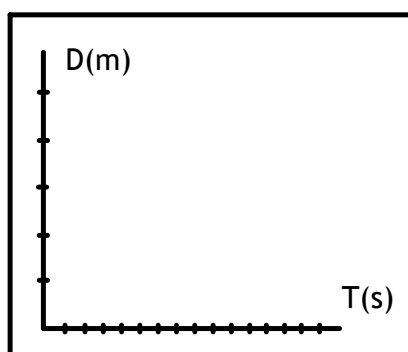
1. Begin 4 m from the CBR. Walk toward the CBR.

When you are 0.5 m from the CBR run backward to the starng posion. Stop.



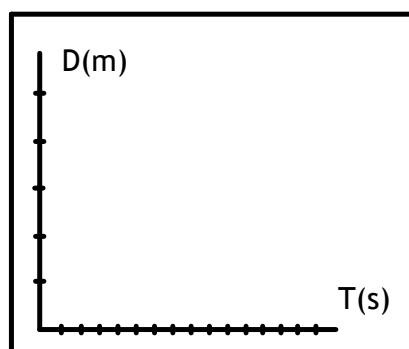
2. Begin 4 m from the CBR. Walk toward the CBR for 4 s. Stop for 5 s.

Run backward to your starng posion. Stop.



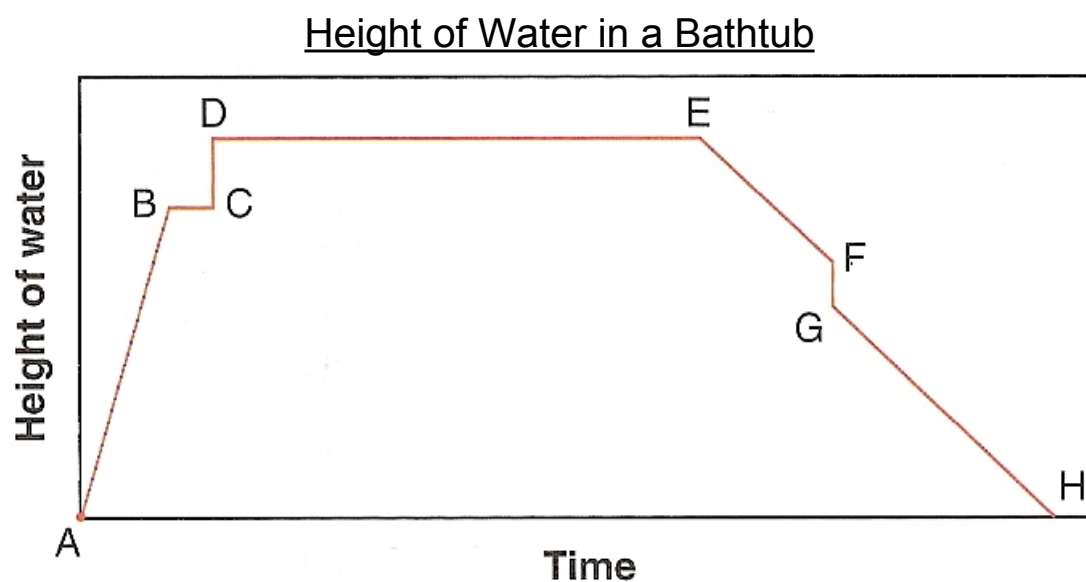
3. Begin at the CBR . Walk *slowly* backward unl you are 5 m from the CBR .

Then walk *slowly* toward the CBR . Stop.



Ex. 3 Textbook page 182 **Connect the Ideas**

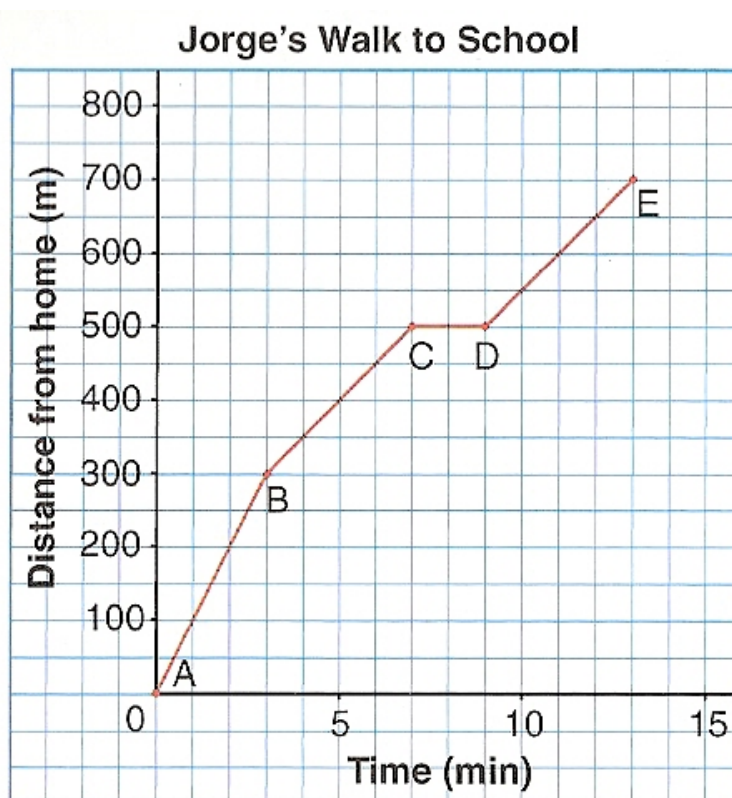
- Interpret a graph that is not distance vs. time.
- Whenever the graph changes, a label/letter is written to help communicate what the graph represents.



Describe what the above graph represents.

Ex. 4 Textbook page 183 **Example with Numerical Data**

- If a graph includes numbers, you can describe the situation in more detail.



Describe the walk in detail.