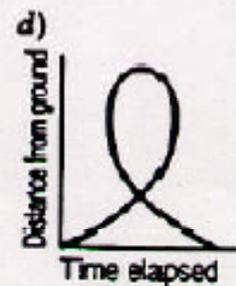
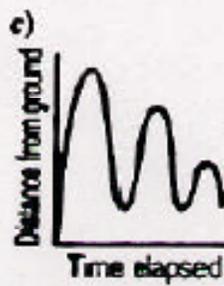
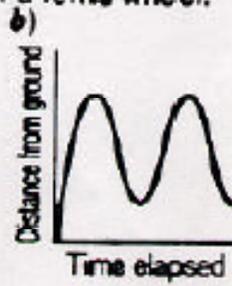
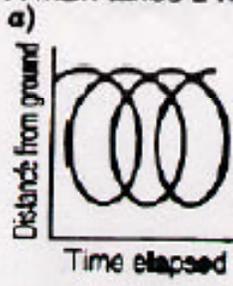
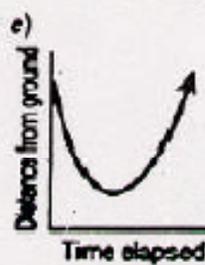


CBR Pre- and Post-Test

2. A man takes a ride on a ferris wheel.



4. A child swings on a swing.



CBR Activity
Modeling Graphs

Calculator Manager: _____
CBR Manager: _____
Walker: _____
Recorder: _____

I. Program Setup in TI-83

To set up the RANGER program on you calculator

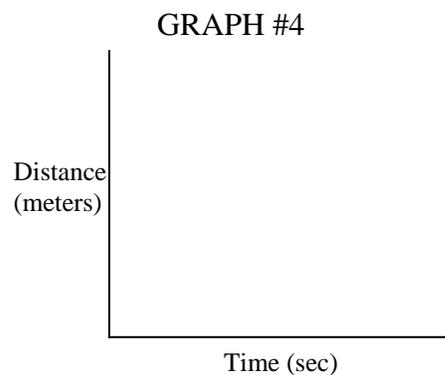
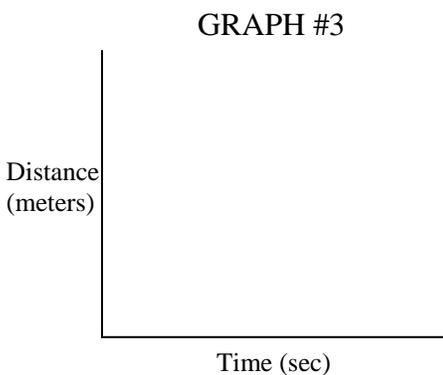
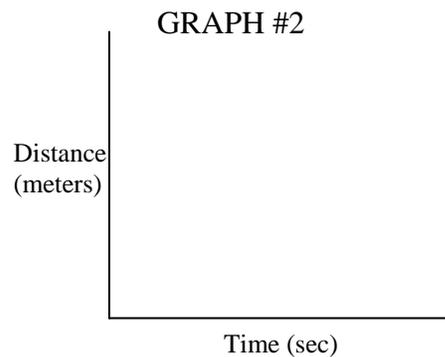
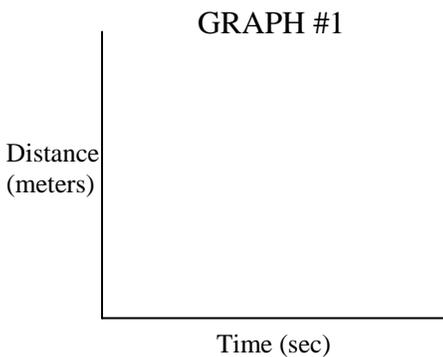
1. Press 2nd LINK
2. Choose RECEIVE; choose RECEIVE (again).
3. On the CBR, press 82/83.
4. Now the RANGER program should be installed in your calculator.

To run the RANGER program on you calculator

1. Press PRGM
2. Choose RANGER; then press ENTER.
3. Press ENTER to begin.

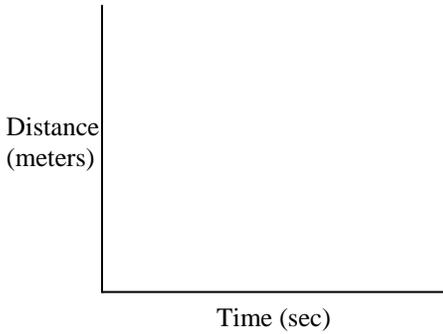
II. Distance Match

1. Select 3: APPLICATIONS.
2. Choose 1: METERS.
3. Choose 1: DISTANCE MATCH.
4. Open the CBR so that the circle is facing the walker.
5. Press enter when you are ready.
6. The calculator will present a graph to you. Press enter to begin.
7. After you attempt to graph, see how you compared!
8. Record the graph produced by calculator, then in another color record your results.

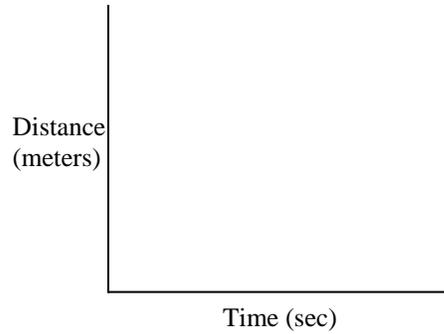


9. Now repeat this procedure, but do not let the walker see the graph. Communicate the graph.

GRAPH #5



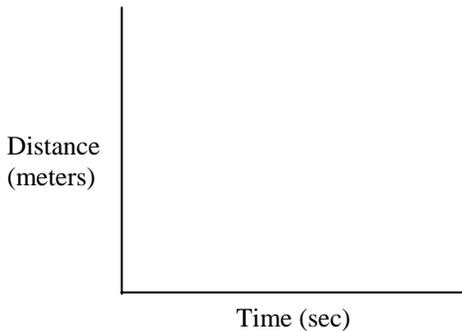
GRAPH #6



III. Original Graphs

1. Create a situation to graph.

2. Draw a graph representing a relationship of distance to time.



(Using the CBR match the graph on the calculator.)

3. From the Main Menu select SET DEFAULTS
4. With your selector arrow pointing at START NOW, press ENTER when ready to begin collecting data
5. Record your results.
6. Get with another group, and challenge their walker to your graph (using your situation in step #1).