6. Analysis and Observations

- Assign each task a color and graph the average speed starting at (0,0). Be sure to make a key for each color.

- Which task had the fastest speed? How can you tell on the graph?

- Which task had the slowest speed? How can you tell on the graph?

Analysis – continued…

- If the average speed was constant for Person #1, what would the distance be at 1 minute?

- If the average speed was constant for Person #2, what would the time be at 40 meters?

- If the average speed was constant for Person #3, what would the distance be at 5 minutes?

7. Conclusions

- Re-state the purpose in your own words. Then, describe why or why not your hypotheses were proven or disproven. (Be specific for each one.)

- If you were to do another experiment on calculating speed, what hypothesis would you have?

- What have you learned about calculating and graphing speed in this chapter?