Investigative question:
What is the effect of the size of the wheels on the distance a go-cart can travel?

1. Answer the question:

2. Include supporting data (evidence) from the Wheel Size vs. Distance Traveled scatter plot:
The data show that _______________. [include only and but]

☐ The 7.5 cm wheels make the go-cart travel _______ cm.

☐ 11.5 cm wheels—distance in cm

☐ In fact, _______________. [use numbers you computed to the right of your data table]

3. Write a concluding statement:
Therefore, the [smaller/larger] the wheels, the [shorter/longer] the distance the go-cart travels.

4. Reread your prediction. Think about your reasoning for your prediction. Then write about how your thinking has changed:
At first, I thought ______________________ because I thought ______________________.
Then I revised my thinking when ____________________________________________.

5. Explain why you think the wheel size does affect the distance the go-cart travels:
Now I think ______________________ because ______________________.

6. If your group’s test results were inconsistent, explain why you think your group got different results than other groups did:
My group’s test results were inconsistent. I think this happened because ______________________.

7. Write what you would like to investigate next time:
Now I want to investigate what would happen if ______________________.