

Investigative question

What is the effect of wheel size on the distance a go-cart can travel?

Wheel Size vs. Distance Traveled

Wheel Size (cm)	Distance Traveled (cm)			
	Trial 1	Trial 2	Trial 3	Mean
7.5	127	159	134	140
9	198	209	223	210
11.5	267	299	283	283

Three Components of a Basic Conclusion

1. Answer the investigative question.

Use words from the question in your answer.

2. Include evidence from the data table to support your answer.

The data show that *[Remember to 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 the data table]*

3. Write a concluding statement.

Therefore, the *[smaller/larger]* the wheels, the *[shorter/longer]* the distance the go-cart travels.