

# Trait Tabulation

## Procedure

- Collaborate** Work in a small group. Your team will get a letter. Assign a number to each person in your group. For example, your group letter might be C and your number might be 5, or C5.
- Observe** Copy the chart below onto an index card. Write your number-letter code, not your name, on your card. Answer the questions in the chart.

Letter and Number: _____	
Questions:	Answers:
1. What color are your eyes?	
2. Are your earlobes attached or detached?	
3. Do you write with your left hand, right hand, or both?	
4. Do you know how to ride a skateboard?	
5. Can you recite the alphabet backwards very quickly?	

- Collaborate** Collect your team's cards and exchange them with the cards from another team. Then work with your team to count the number of people with each trait. Work in the same way with each of the other teams.
- Record Data** Tally the results for everyone in the class. Prepare a circle graph, bar graph, or other chart of your choice to show the data.

## Conclusion

Write the answers to the questions.

1. **Use Numbers** Did the data change as you counted more people in the class? Why is it important that scientists use a large number of samples when doing research, such as you did in this activity?

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2. **Evaluate** Of the five traits you studied, which could change as a person grows older? Which always stays the same?

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3. **Analyze Data** For each trait, which form did you find to be the most common?

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## Investigate More!

**Design an Experiment** With your teacher's permission, survey students in other classes about the five traits. Is the additional data consistent with the data from your class? What conclusions can you draw from your results?

