Name: _____

Making a Pie Chart

A DJ is a person who plays different music at events, like birthday parties or religious events, like a Bar Mitzvah or Quinceañera. It is a DJ's job to figure out what type of music people want to listen to at an event.

To figure out what type of music people like, DJs collect data. Data are pieces of information. For example, DJs collect data on whether people want to listen to pop music or country music. After collecting data, DJs can make graphs of the data. The graphs help them understand what type of music people like.

Today, you will imagine you are a DJ who collected data on which types of music people want to listen to at a special school event. You will make a graph to learn about people's music preferences.

Step 1: Look at Data

Below, you will see data on how many students like different types of music.

Music Type	Students
Pop	25
Hip Hop	15
Country	13
Rock	2
Jazz	5

Step 2: Make a Pie Chart

A pie chart is a type of graph. It divides a circle into sections. Make a pie graph to show how many people prefer each type of music.

MATH CAREER ADVENTURES

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Making a Pie Chart

Step 3: Answer Questions About Pie Chart

Answer the questions below about the pie chart you created.

1. How many students did you collect data on? _____
2. What fraction of students want to listen to country music? _____
3. What fraction of students want to listen to rock music? _____
4. What fraction of students want to listen to pop and hip hop? _____
5. What two types of music were the most popular? _____
6. What type of music was the least popular? _____
7. Bonus question: 25% of the students want to listen to which type of music? _____

Extra Time?

Write on the lines below which type of music you think is the best. Write at least two reasons why you believe that type of music is the best!

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