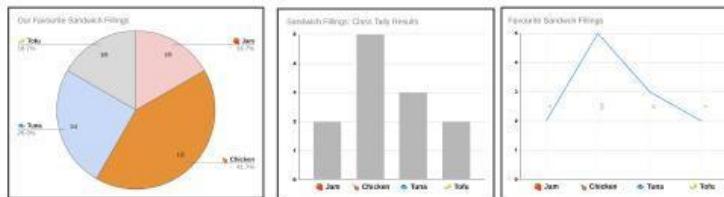


### Questions for Meaningful Data Representation



1. If you wanted to quickly count how many students chose each filling, which graph works best?

Column Graph  Pie Chart  Line Graph

2. Which graph would be most useful for helping the canteen decide how many of each sandwich to make?

Column Graph  Pie Chart  Line Graph

Give a reason: \_\_\_\_\_

3. The line graph suggests that sandwich preferences change gradually from one type to another. Is this true?

Yes, students' preferences change smoothly from chicken to tuna to jam to tofu

No, these are separate categories that don't connect to each other

4. Line graphs work best for data that:

Shows separate categories (like sandwich types)  
 Shows changes over time (like temperature during the day)  
 Shows different groups of people

5. The canteen manager wants to see what fraction of students prefers each filling. Which graph should you show her?

Column Graph  Pie Chart  Line Graph

6. To see that chicken represents 1/2 of all choices, which graph is most helpful?

Column Graph  Pie Chart  Line Graph

Explain: \_\_\_\_\_