Problem Solving:
Missing or Extra Information

For **1** through **3**, decide if each problem has extra information or not enough information. Tell any information that is not needed or that is missing. Solve if you have enough information.

1. Kendall pitches for his school's baseball team. Every game Kendall pitches, he gets about 5 strikeouts. Each game is about 2 hours. If Kendall pitches in 7 games during the season, how many strikeouts will he have?

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2. **Geometry** Sandra is putting up a fence around her garden, which is in the shape of a square. Each foot of fencing costs $9. If each side of the fence will be 8 feet long, how many feet of fencing will Sandra need?

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3. Gretchen sings and plays guitar in a band after school. If Gretchen sings half of the songs the band knows, how many songs does the band know?

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4. What do you need to know if you are trying to find the year George Washington was born and you know he died in 1799?

   A The current year   **C** How old he was when he died

   B The exact date he died   **D** There is not enough information

5. **Writing to Explain** If you wanted to write a word problem about how much money the fourth-grade class collected at their bake sale, what information would you need to include?

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