Problem-Solving Decision: Choose the Operation

Kiera's fourth-grade class visited the zoo. Adult's tickets were $6 each, and children's tickets were $4 each. There were 9 adults and 108 students. Of the students, 52 were girls. At the zoo, Kiera bought a souvenir keychain for $5 and 7 photos of animals for $3 each.

1. When the class arrived at the zoo, they separated into equal groups, with one adult in each group. How many students were in each group? Tell which operation you used to solve and why.

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2. How many boys are in Kiera's class? Tell which operation you used to solve and why.

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3. At the souvenir store, Kiera paid with $30. How much change did she get back? Explain how you found your answer.

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4. Use the data from the problem to write a question that can be answered by using addition or subtraction.

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5. Use the data from the problem to write a question that can be answered by using multiplication or division.

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Use with text page 104.