



# Expressions with All Four Operations

**CA Standard**  
**KEY** AF 1.2, **KEY** AF 1.3

Solve each problem. Write an expression to get your answer. Remember that information from one problem will help you solve the next one.

1. John's family had an open house party on New Year's Day. 4 guests came at noon. Ten minutes later, 2 more guests arrived. At 12:30, one guest left. How many guests remained at the party?

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3. Over the next hour, the number of guests at the party tripled. Then, Mr. and Mrs. Ortiz and their three children left to go to another party. How many guests were left?

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5. Bob and his cousin left at 4:15 and five minutes later John's Uncle Art, Aunt Louise, and their 4 children arrived, apologizing for being so late. Shortly after, 3 more couples left. How many people are still at the party, not counting John and his immediate family?

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2. At 12:40, 6 more guests arrived at John's house. Then 2 couples left. How many guests are there now at the party?

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4. By 2:30, half of the remaining guests had left. Then John's friends Gail, Bob, and Bob's cousin arrived and gave the party a needed lift. What was the guest count now?

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6. After the other guests had gone, John's father invited Uncle Art and his family to stay for the night. They gratefully accepted. If John has two sisters besides his parents, how many people slept that night at his house?

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