

1-1 Variables and Expressions

You are going to a concert with some friends to celebrate your birthday. The tickets are \$18 each.

1. Complete the table to find the total cost for different numbers of tickets.
2. Explain how to find the total cost for a given number of tickets.

Number of Tickets	Total Cost
1	
2	
3	
4	

3. Suppose n represents the number of tickets. Use a combination of operations, numbers, and the letter n to represent the total cost of n tickets.
4. What is the value of the mathematical statement that you wrote when $n = 6$? What does this represent?

THINK AND DISCUSS

5. **Explain** how to write a mathematical statement for the total cost of the tickets if each ticket costs \$23.
6. **Describe** a situation that can be represented by the mathematical statement $h + 3$.