

**M** How Many in Five Minutes?

- A. Collect data on the number of times a fourth grader can write his or her name in 30 seconds. Work with a group or a partner. Have one person use a watch or a class clock to time 30 seconds while the others write their names. How can you be sure the data represents the fourth graders in your class?
- B. 30 seconds is what fraction of a minute?
- C. Use your data to estimate how many times a fourth grader can write his or her name in five minutes. How did you estimate?

**N** Operation Target: 1, 3, 6, 9

Play Operation Target.

- Use the four digits 1, 3, 6, 9, and the four operations (+, −, ×, ÷) to make as many numbers as you can.
- You must use each of the four digits exactly once.
- Use any operation once, more than once, or not at all.
- You may use 2-digit numbers and parentheses.
- No fractions are allowed.

For example:  $1 + 63 \div 9 = 8$

1. What is the largest number you can make?
2. What is the smallest number you can make?
3. Make the numbers 1 to 10.
4. See how many numbers from 11 to 24 you can make.
5. If there are numbers from 11 to 24 you could not make, try using one of the digits more than once.