Describing rules

6 practice questions

1. Describe $4, 6, 8, 10$ with a full rule.

The first value is 4 and each jump is $+2$.

Answer: Start at 4 and add 2 each time.

2. Describe $25, 20, 15, 10$ with a full rule.

Every next number is 5 less.

Answer: Start at 25 and subtract 5 each time.

3. Start at 6 and add 3 each time. Write four numbers.

Write the start, then add 3 three times.

Answer: $6, 9, 12, 15$

4. Start at 32 and subtract 2 each time. Write four numbers.

Write the start, then subtract 2 three times.

Answer: $32, 30, 28, 26$

5. A rule says start at 1 and add 10. Is $1, 11, 21, 31$ correct?

Each step adds 10 from the stated start.

Answer: Yes.

6. Why is get bigger less useful than start at 3 and add 4 each time?

A precise rule lets another person make the same pattern.

Answer: It does not say where to start or how much to add.