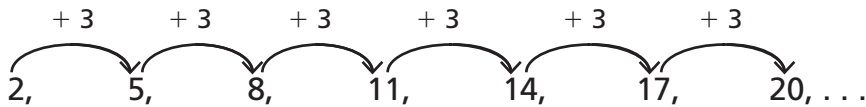


Number Patterns

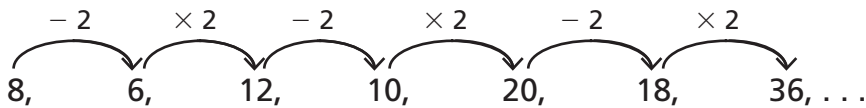
A pattern is an ordered set of numbers or objects, called terms.
The numbers below form a pattern. The first term in the pattern is 2.



First term

A rule is used to describe a pattern. The rule for this pattern is add 3.
You can describe other patterns in the numbers. Notice that the terms in the pattern shown alternate between even and odd numbers.

For some patterns, the rule may have two operations.



The rule for this pattern is subtract 2, multiply by 2. The first term is 8.
Notice that all of the terms in this pattern are even numbers.

Use the rule to write the numbers in the pattern.

1 Rule: Add 7. First term: 12

12, _____, _____, _____, _____, ...

2 Rule: Multiply by 3, subtract 1. First term: 2

2, _____, _____, _____, _____, ...

Use the rule to write the numbers in the pattern. Describe another pattern in the numbers.

3 Rule: Subtract 5. First term: 50

50, _____, _____, _____, _____, ...

4 Rule: Multiply by 2, add 1. First term: 4

4, _____, _____, _____, _____, ...