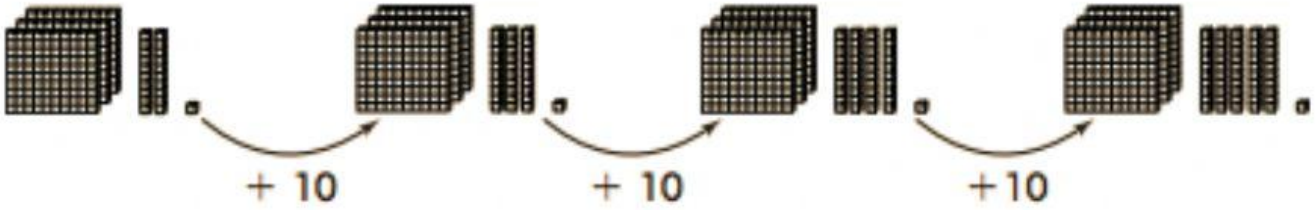
Algebra: Number Patterns

You can predict the next number in a number pattern by first recording how the numbers are related.

Example A



The numbers increase by 10, so the next number in the pattern would be 351 + 10, or 361.

Example B

245, 240, 235, 230

− 5 − 5 − 5

The numbers decrease by 5, so the next number in the pattern would be 230 − 5, or 225.

Record how the numbers in each pattern are related. Then predict the next number in the pattern.

1.

2. 256, 266, 276, 286, _____

_____ _____ _____ _____

3. 374, 372, 370, 368, _____

_____ _____ _____ _____

4. 160, 165, 170, 175, _____

_____ _____ _____ _____