Name:

NUMBER PATTERN

A **number pattern** is a sequence of numbers that follow a certain rule. For example:

Pattern	Rule	Proof
1, 2, 3, 4, 5	*add 1*	1+1=2+1=3+1=4+1=5
50, 40, 30, 20, 10	*subtract 10*	50-10=40-10=30-10=20-10=10

Write the next number in the sequence. Then, write what the pattern is for that sequence.

1. **2, 4, 6, 8, 10, 12, _____** _____
2. **3, 6, 9, 12, 15, 18, _____** _____
3. **23, 20, 17, 14, 11, 8, _____** _____
4. **4, 14, 24, 34, 44, 54, _____** _____
5. **52, 44, 36, 28, 20, 12, _____** _____
6. **7, 14, 21, 28, 35, 42, _____** _____

Write the next number in each sequence according to the rule.

1. **Add 5** 55, 60, 65, _____ , _____ , _____
2. **Subtract 11** 88, 77, _____ , _____ , _____ , _____
3. **Add 9** 0, _____ , _____ , _____ , _____ , _____