

# Pattern Recognition

Grades 3-6 • Identifying and extending number patterns

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. What comes next in this pattern? 4, 4, 8, 12, 20, \_\_\_\_

Answer: \_\_\_\_\_

2. What comes next in this pattern? 2, 4, 8, 16, 32, \_\_\_\_

Answer: \_\_\_\_\_

3. What comes next in this pattern? 1, 2, 4, 8, \_\_\_\_

Answer: \_\_\_\_\_

4. What comes next in this pattern? 4, 5, 9, 14, 23, \_\_\_\_

Answer: \_\_\_\_\_

5. What comes next in this pattern? 2, 4, 8, 16, \_\_\_\_

Answer: \_\_\_\_\_

6. What comes next in this pattern? 2, 5, 7, 12, 19, \_\_\_\_

Answer: \_\_\_\_\_

7. What comes next in this pattern? 3, 6, 12, 24, 48, \_\_\_\_

Answer: \_\_\_\_\_

8. What comes next in this pattern? 1, 4, 5, 9, 14, \_\_\_\_

Answer: \_\_\_\_\_

9. What comes next in this pattern? 1, 2, 4, 8, \_\_\_\_

Answer: \_\_\_\_\_

10. What comes next in this pattern? 2, 2, 4, 6, 10, \_\_\_\_

Answer: \_\_\_\_\_



## Answer Key

1.	What comes next in this pattern? 4, 4, 8, 12, 20, ___	<b>32</b>
2.	What comes next in this pattern? 2, 4, 8, 16, 32, ___	<b>64</b>
3.	What comes next in this pattern? 1, 2, 4, 8, ___	<b>16</b>
4.	What comes next in this pattern? 4, 5, 9, 14, 23, ___	<b>37</b>
5.	What comes next in this pattern? 2, 4, 8, 16, ___	<b>32</b>
6.	What comes next in this pattern? 2, 5, 7, 12, 19, ___	<b>31</b>
7.	What comes next in this pattern? 3, 6, 12, 24, 48, ___	<b>96</b>
8.	What comes next in this pattern? 1, 4, 5, 9, 14, ___	<b>23</b>
9.	What comes next in this pattern? 1, 2, 4, 8, ___	<b>16</b>
10.	What comes next in this pattern? 2, 2, 4, 6, 10, ___	<b>16</b>