

Name _____

**Practice
2-9**

Numerical Patterns

Write the number you must add or subtract to get the next number.

1. 3, 10, 17, 24, 31, ... _____
2. 88, 87, 86, 85, 84, ... _____
3. 91, 86, 81, 76, 71, ... _____
4. 5, 8, 11, 14, 17, ... _____
5. 47, 43, 39, 35, 31, ... _____
6. 21, 30, 39, 48, 57, ... _____
7. 225, 240, 255, 270, ... _____
8. 144, 132, 120, 108, ... _____
9. 681, 660, 639, 618, ... _____
10. 318, 355, 392, 429, ... _____

Find the next three numbers in the pattern.

11. 6, 14, 22, 30, 38, _____, _____, _____, ...
12. 100, 92, 84, 76, 68, _____, _____, _____, ...
13. 20, 30, 35, 45, 50, _____, _____, _____, ...
14. 123, 110, 97, 84, 71, _____, _____, _____, ...
15. 217, 302, 387, 472, _____, _____, _____, ...
16. 5, 11, 23, 47, 95, _____, _____, _____, ...
17. 1, 2, 4, 8, 16, _____, _____, _____, ...
18. 294, 276, 258, 240, _____, _____, _____, ...
19. 20, 24, 30, 38, 48, _____, _____, _____, ...
20. 1, 4, 9, 16, 25, _____, _____, _____, ...
21. 21, 26, 24, 29, 27, _____, _____, _____, ...
22. In 1996, it cost 32¢ to mail a 1-oz letter, 55¢ to mail a 2-oz letter, 78¢ to mail a 3-oz letter, and \$1.01 to mail a 4-oz letter. If the pattern continues, how much did it cost to send a 7-oz letter? _____
23. **Science** Kris is conducting a science experiment with bacteria. She begins with 15 organisms. If the number of organisms triples every day, how many organisms will she have after 4 days? _____