

Practice with Patterns

From Mr. P's Mathpage (www.pleacher.com)

Patterns are important in mathematics.

Here are thirty sequences of numbers or letters.

See how many you can complete!

Enter the number or letter that completes each sequence.

When you have finished, click on the [Click here to submit your answers](#) button.

Complete the following patterns:

1. 5, 8, 11, 14, ___
2. 3, 6, 9, 12, ___
3. 5, ___, 15, 20, 25, 30
4. 40, 20, 16, 8, 4, 2, ___
5. 1, 5, 20, 24, ___, 100, 400, 404, 1616
6. 6, 7, 2, 5, ___ 5, 0, 7, 2
7. 12, 14, 10, 16, ___, 18, 6, 20, 4
8. F, S, T, F, F, S, ___ E,
9. 0, 1, 10, 2, 100, 11, 1000, 3, 20, 101, 10000, 12, 100000, 1001, 110, 4, 1000000, 21, 10000000, ___
10. (1, 2), (9, 10), (14, ___)
11. (16, 8), (32, 24), (20, ___)
12. (16, 8), (32, 16), (42, ___)
13. (4, 6, 24), (5, 7, 35), (7, 9, ___)
14. e, f, e, f, c, d, g, h, g, h, c, d, i, j, ___

15. a, b, c, x, y, z, d, e, f, x, y, z, g, h, i, ___
16. a, c, e, g, i, k, m, ___
17. a, b, b, c, c, c, d, d, d, d, e, e, e, e, ___
18. a, x, b, y, c, z, a, x, b, y, c, z, a, x, b, ___
19. g, a, f, a, e, a, d, a, c, a, ___
20. a, b, c, a, c, d, a, d, e, a, ___
21. a, b, c, d, e, a, b, c, d, a, b, c, ___
22. g, h, j, k, m, n, p, q, s, t, v, w, ___
23. a, b, c, c, b, a, d, e, f, f, e, d, g, h, i, ___
24. a, c, f, h, k, m, p, r, ___
25. a, b, a, c, d, c, e, f, e, g, h, g, i, j, ___
26. a, b, c, a, b, c, d, a, b, c, d, e, ___
27. a, a, b, a, b, c, c, d, c, d, e, e, f, ___
28. a, b, c, a, d, e, f, d, g, h, i, g, j, k, l, ___
29. O, T, T, F, F, S, S, ___
30. S, M, T, W, T, ___
31. 4, 4, 1, 2, 1, 1, 2, 2, 3, 3, 3, ___
32. 3, 3, 5, 4, 4, 3, 5, 5, 4, 3, 6, ___