Across

[1] The second highest possible number for a 7-bit binary number (decimal)

[2] The binary number 1110110 (decimal)

[5] The hexadecimal number fb (decimal)

[7] The second quietest noise a speaker can make (binary)

[11] The binary number 10011100011010 (decimal)

[12] The decimal number 69905 (hexadecimal)

[14] The color light grey where each light emitting diode is controlled by 2 bits

[17] The color blue where each led is controlled by 2 bits

[18] The decimal number 77 (binary)

[19] 0X31, 0X32 in ASCII

[20] Black (binary | octal | hexadecimal)

[21] The decimal number 112 (binary)

[22] 0X41, 0X50, 0X50, 0X4C, 0X45 in ASCII

Down

[1] The color white where each led is controlled by 1 bit

[3] A skinny b/w BMP of a white picket fence (binary)

[4] The highest possible number for an 8-bit binary number (decimal)

[6] The decimal number 15 (binary)

[8] The color dark grey where each light emitting diode is controlled by 2 bits

[9] The binary number 110011 (decimal)

[10] The hexadecimal number 12c (decimal)

[11] A space in ASCII (binary)

[12] The loudest noise a speaker can make (binary)

[13] The decimal number 10 (hexadecimal)

[15] The color purple where each led is controlled by 2 bits

[16] The letter "A" in ASCII (octal)

Solution

1. 1 2 6
1
2. 1 3. 1 8
0
1
7. 0 0 0 0 0 8. 1
10. 3 11. 1 0 0 1 0 1 0 12. 1 1 1 1
0 0 13. 0 1 1 1
14. 0 1 0 1 0 15. 1 16. 1 17. 0 0 0 0 1 1
0 1 0 0 1 1
0 18. 1 0 0 1 1 0 1 0 19. 1 2
20. 0 0 0 0 0 1
21. 1 1 1 0 0 0 0
1 0
22. A P P L E

4. 2
5
5. 2 5 6. 1
9. 5 1