Name:

Date:

Class: CS 160

Quiz #4

1. Convert 13/64 to 8 -bit floating point notation. (Four points)
2. **10101101**2
3. Convert the floating point 10111100 to decimal/fraction. (Four points)
4. **-3/8**10
5. Convert the following binary to hexadecimal. (Four points)
6. 010010112‬ = **4B**‬‬‬‬‬16
7. 011000102‬ = **62**‬‬‬‬‬16
8. 100111112‬ = **9F**‬‬‬‬‬16
9. 110110002‬ = **D8**‬‬‬‬‬16
10. Convert the following hexadecimal to binary. (Four Points)
11. 64162 = **01100100**2
12. BE16 = **10111110**2
13. 5B16 = **01011011**2
14. 1916 = **00011001**2
15. Convert the following decimal numbers to hexadecimal. (Four Points)
16. 7810 = **4E**16
17. 11210 = **70**16
18. 25310 = **FD**16
19. 1810 = **12**16