Bitwise Operators

Solve the following equations and submit your answers:

1010 >> 1 = *1101*

0010 >> 1 = *0001*

1010 >>> 2 = *0010*

0010 >>> 2 = *0000*

1010 >> 3 = *1111*

0010 << 3 = *10000*

1010 >> 4 = *0000*

0010 << 4 = *100000*

0000 1010 >> 1 = *00000101*

1110 1010 >> 1 = *11110101*

0000 1010 >> 2 = *00000010*

1110 1010 >> 2 = *11111010*

0000 1010 >> 4 = *0000 0000*

1110 1010 >> 4 = *1111 1110*

0000 1010 >> 8 = *0000 0000*

1110 1010 >> 8 = *1111 1111*

0001010
| 1001001
100 1011

0001010
^ 1001001
1000011

0000000
| 1001001
1001001

0000000
^ 1001001
1001001

1111111
| 1001001
1111111

1111111
^ 1001001
0110110