

Jeru Sanders

cse101 01

1. $0111\ 1101 = 125$

2. $1011\ 1100 = -68$

3. $1000\ 0000 + 1000\ 0000 = 0000\ 0000$

Has carry, 0 in dec, -256 with carry

4. $1110\ 0001 + 1101\ 1101 = 1011\ 1110$

No carry, -98 in dec

5. $1110\ 0001 + 1001\ 1101 = 0111\ 1110$

Has carry, 126 in dec, -130 with carry

6. $0111\ 1111 + 0111\ 1111 = 1111\ 1110$

No carry, -2 in dec, can't represent

7. $0100\ 0001 + 0101\ 1101 = 1001\ 1110$

No carry, 158 in dec

8. $1000\ 0000 + 0111\ 1111 = 11111111$

No carry, -1 in dec, can't represent