

PIC 16F84A Instruction

Byte-oriented Instructions



Bit-oriented Inst.

Control & Literal Instr.

ADDLW
B'0101

W



Flags

Z → 1 ← output of op is zero
 Z → 0 ← output of op is not zero
 DC → 1 ← carry from least significant bit

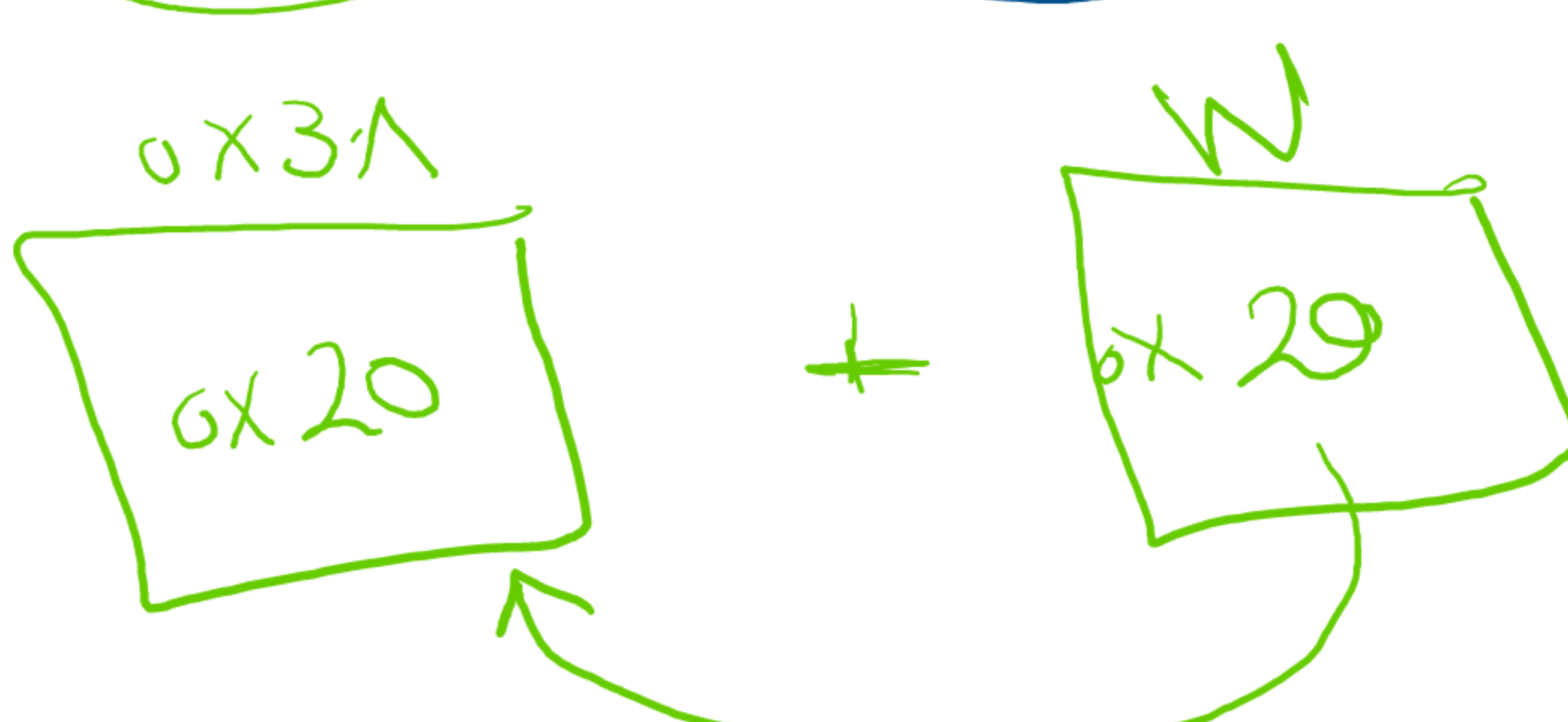
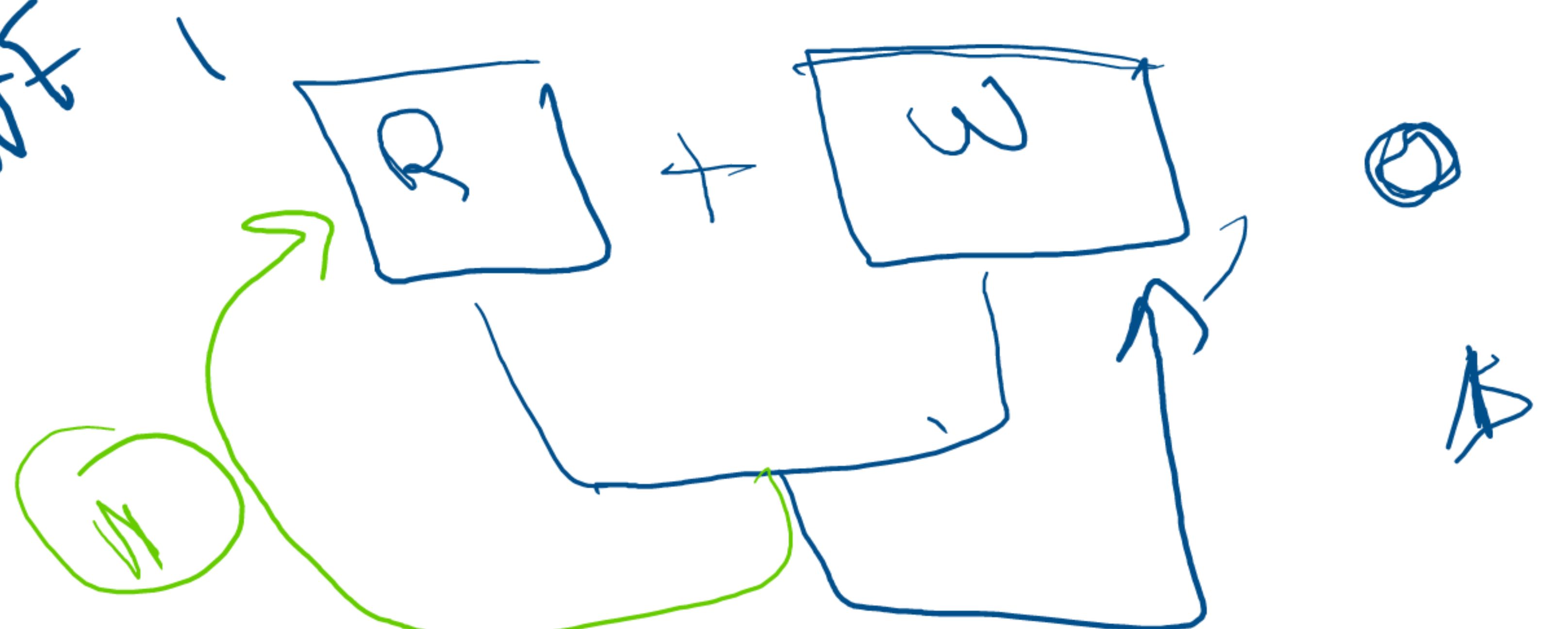
C → 1 ← carry most significant bit

File# 0
1
1

```

    101101
    010110
    101101
    110101
    -----
    1100010
    
```

ADDWF



Movlw 0x20
 Movwf 0x3A
 Addwfe 0x3A

W ← 0
 ↓
 0x3A