

Reference Sheet

206400 AF

Step 1: Convert to binary

00100000011001000000000010101111
8 \$3 \$4 175

Step 2: Convert first 6 bits to determine which format

- If the first 6 bits is a \emptyset it's R format: 65555b

- If the first 6 bits is any value greater than \emptyset it's I format: 6551b

addi \$4, \$3, 175

$$\$4 = \$3 + 175$$

20A20056

00100000101000100000000001010110
8 \$5 \$2 86

addi \$2, \$5, 86

$$\$2 = \$5 + 86$$

00823820

000000001000001000111000001000000
 \emptyset \$4 \$2 \$7 \emptyset 32

add \$7, \$4, \$2

$$\$7 = \$4 + \$2$$