

# Addition or Subtraction

**add 80, 37**

First Operand	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Second Operand	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Result	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Control Status Register	I	T	H	S	V	N	Z	C
Alterations								
Reason for alterations								

## Sub 80, 37

First Operand	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Second Operand	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Result	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Control Status Register	I	T	H	S	V	N	Z	C
Alterations								
Reason for alterations								

add 80, -37

First Operand	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Second Operand	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Result	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Control Status Register	I	T	H	S	V	N	Z	C
Alterations								
Reason for alterations								

add -80, 37

First Operand	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Second Operand	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Result	Bit 7	Bit 6	Bit 5	Bit 4	Bit 3	Bit 2	Bit 1	Bit 0
Hexa-Decimal Value				Decimal Value				
Control Status Register	I	T	H	S	V	N	Z	C
Alterations								
Reason for alterations								