Perform the appropriate binary arithmetic function for the following binary numbers assuming a 6-bit 1's compliment system.

- Indicate whether or not there is an overflow condition, with brief explanation.
- Also, convert the numbers to decimal to check your results.

Hint: Remember that subtraction is the same as addition of a negative number.

No overflow condition

```
110000
+010010
1000010 -> -61
```

110000 + 010010

Overflow condition

No overflow condition