Perform these 7-bit binary operations. Indicate whether or not overflow occurred if the numbers are interpreted as unsigned numbers and if the numbers are interpreted as two's complement numbers.

```
 0b0010010
+0b1001111
-----------
   1100001
```

no overflow

```
 0b1011111
+0b1001111
-----------
   0101110
```

unsigned overflow
two's comp overflow

```
 0b0010010
+0b0110001
-----------
   1000011
```

two's comp overflow

```
 0b1010010
-0b0001111
-----------
   1000011
```

no overflow

```
 0b0010010
-0b1001111
-----------
   1000011
```

unsigned overflow
two's comp overflow

```
 0b0010010
-0b1110001
-----------
   0100001
```

unsigned overflow