

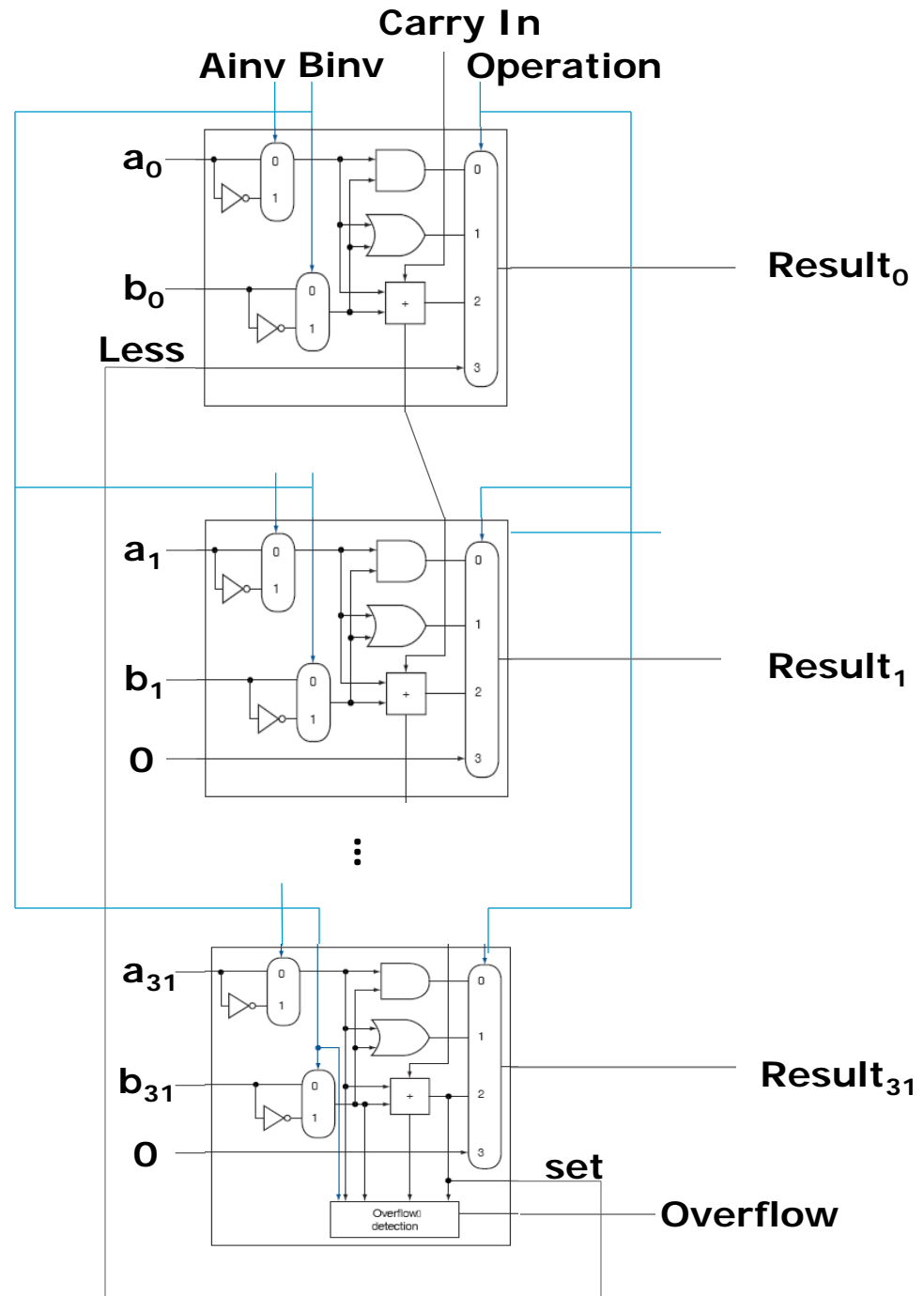
For two 32-bit quantities **a** and **b**.

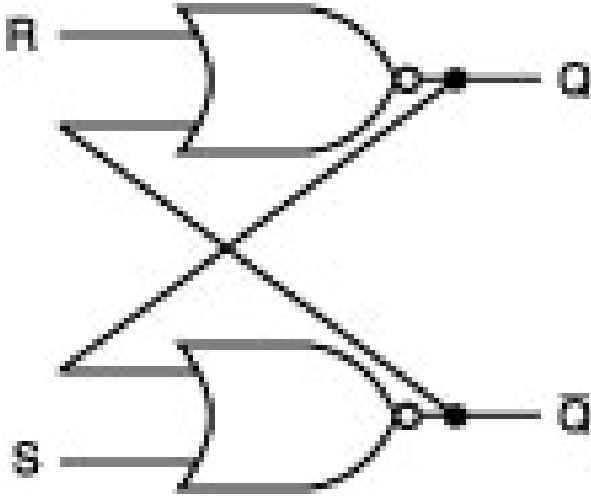
What are the settings to compute:

- **a + b**
- **a - b**
- **a < b**
- **a or b**
- **a and b**
- **a nor b**
- **a nand b**

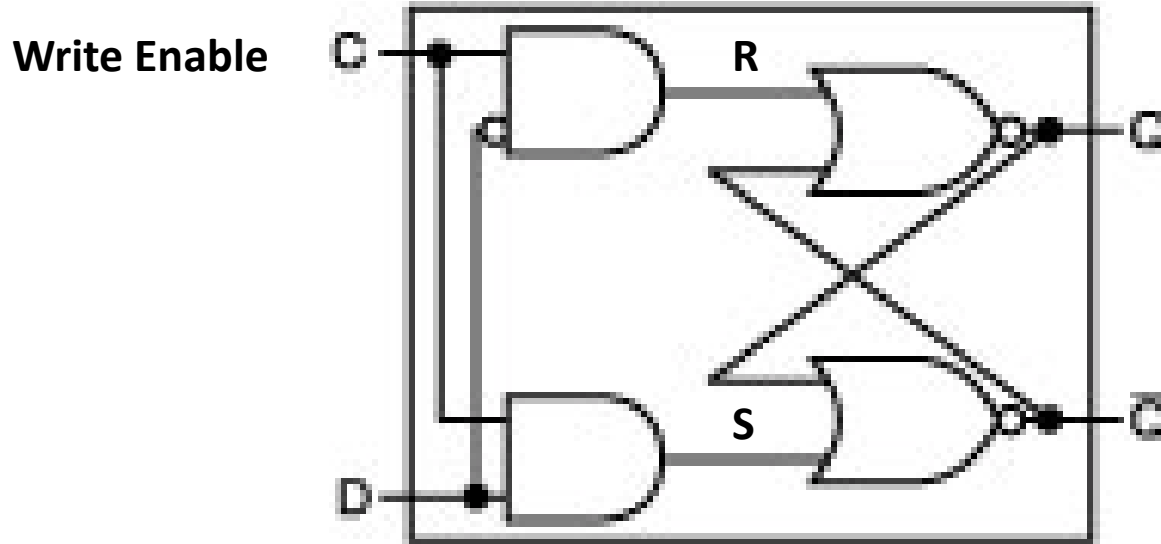
Trace on $2 < 3$

```
li $t0, 2  
sli $t1, $t0, 3
```





S-R Latch



D Latch



Q