|  |
| --- |
| Overflow Signed |
| Addition |
|  + A + B--------+ No overflow- overflow | - A - B--------- No overflow+ overflow |
| + A- B--------+/- Always No overflow | - A + B--------+/- Always No overflow |
| Subtraction |
|  + A* (+ B)

----------------+ / - No overflow |  + A* (- B)

----------------+ No overflow- Overflow |
|  - A * (+ B)

----------------- No overflow+ Overflow |  - A* (- B)

----------------+ /- No overflow |