Booth

3 x (-4) = - 12

00-> Deslocamento para direita

11-> Deslocamento para direita

10-> P = P + S

01-> P = P + A

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | A |  | 0 | 0 | 1 | 1 |  | 0 | 0 | 0 | 0 | 0 |
|  | S |  | 1 | 1 | 0 | 1 |  | 0 | 0 | 0 | 0 | 0 |
|  | P |  | 0 | 0 | 0 | 0 |  | 1 | 1 | 0 | 0 | 0 |
| 1 | P |  | 0 | 0 | 0 | 0 |  | 0 | 1 | 1 | 0 | 0 |
| 2 | P |  | 0 | 0 | 0 | 0 |  | 0 | 0 | 1 | 1 | 0 |
|  |  |  | 1 | 1 | 0 | 1 |  | 0 | 0 | 1 | 1 | 0 |
| 3 | P |  | 1 | 1 | 1 | 0 |  | 1 | 0 | 0 | 1 | 1 |
| 4 | P |  | 1 | 1 | 1 | 1 |  | 0 | 1 | 0 | 0 | 1 |

3 = 0011

-4 = 1100

-12 = 0100