1. 48

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Mantissa | 4-1 | 40 | 41 | 42 |
| 1.0 | .1 | 1 | 10 | 100 |
| 1.1 | .11 | 1.1 | 11 | 110 |
| 1.2 | .12 | 1.2 | 12 | 120 |
| 1.3 | .13 | 1.3 | 13 | 130 |
| 2.0 | .2 | 2 | 20 | 200 |
| 2.1 | .21 | 2.1 | 21 | 210 |
| 2.2 | .22 | 2.2 | 22 | 220 |
| 2.3 | .23 | 2.3 | 23 | 230 |
| 3.0 | .3 | 3 | 30 | 300 |
| 3.1 | .31 | 3.1 | 31 | 310 |
| 3.2 | .32 | 3.2 | 32 | 320 |
| 3.3 | .33 | 3.3 | 33 | 330 |

1. 1/4
2. 60
3. 1/16, ¼, 1, 4
4. Bm
5. BM+1(1-B-p)
6. B1-p+e
7. (B-1)Bp-1
8. (B-1)Bp-1\*(M-m+1)
9. If M >= p-1 BM+1(1-B-p ). Otherwise, BM+1 – 1
10. If M>=p then Bp+1, otherwise BM+1
11. 23