x10=21

y10=52

x2=10101

21 : 2 = 10 (1)

10 : 2 = 5 (0)

5 : 2 = 2 (1)

2 : 2 = 1 (0)

1 : 2 = 0 (1)

y2=110100

52 : 2 = 26 (0)

26 : 2 = 13 (0)

13 : 2 = 6 (1)

6 : 2 = 3 (0)

3 : 2 = 1 (1)

1 : 2 = 0 (1)

|  |  | 1 | 1 | 0 | 1 | 0 | 0 |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | + |  |  |  |  |  |  |
|  |  |  | 1 | 0 | 1 | 0 | 1 |
|  | 1 | 0 | 0 | 1 | 0 | 0 | 1 |

20+23+26=1 + 8 + 64 = 73 (52 + 21)