

Convert following from Base 10 to Binary

1. 24 = 11000₂

2. 35 = 100011₂

3. 123 = 1111011₂

4. 789 = 1100010101₂

5. 243 = 11110011₂

6. 1024 = 1000000000₂

7. 2459 = 100110011011₂

8. 7839 = 1110101001111₂

9. 5604 = 101011100100₂

10. 10345 = 10100001101001₂

123 - 96 = 27
27 - 24 = 3

512 + 256 = 768
789 - 768 = 21

255 - 243
= 12

2459 34¹⁰¹¹ 155
- 2048 - 256 - 128
411 155 27

713
7839
- 4096
3743
- 2048
1695
- 1024
671
671 x 11
- 512
159
- 128
31

5914
5604
- 4096
1488
- 1024
464
464 x 14
- 256
208
- 128
100
- 64
36
- 32
4
- 4
0

214
10345
- 8192
2153
- 2048
105
- 64
41
- 32
9
- 8
1
- 1
0