

Decimal to Binary Problems

1) How many binary numbers have more 1s than 0s in the range of numbers from 37 to 44, inclusive in base 10?

2) 1_{10} converts to base 2 (Binary) =

3) How many binary numbers have an equal number of 1s and 0s in the range of numbers from 99 to 106, inclusive in base 10?

4) How many binary numbers have an equal number of 1s and 0s in the range of numbers from 18 to 23, inclusive in base 10?

5) 14_{10} converts to base 2 (Binary) =