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Assignment 3.1: Binary-Decimal Conversions (10 pts)

Convert the following decimal numbers to binary:

12 = 1100

37 = 100101

38 = 100110

45 = 101101

110 = 1101110

Convert the following binary numbers to decimal:

1010 = 10

1100 = 12

101111 = 47

110001 = 49

10101010 = 170