

Base Conversion Practice Problems

1) Convert $123D_{16}$ to base 10

4669_{10}

2) Convert $1000\ 1001\ 1010_2$ to base 10

2202_{10}

3) Convert $B23D_{16}$ to binary

$1011\ 0010\ 0011\ 1101_2$

4) Convert BDF_{16} to Octal

5737_8

5) Convert 381_{10} to base 5

3011_5

6) Convert 381_{10} to base 3

112010_3

7) Convert 3210_5 to base 3

First find, $3210_5 = 430_{10}$

Then find, $430_{10} = 120221_3$

8) Convert 212_3 to base 5

First, $212_3 = 23_{10}$

Then find, $23_{10} = 43_5$