

Exercises (solution)

1. 27_{10}
 121_{10}
2. 2255_{16}
 $11EC3_{16}$

The number 233_{10} is equal to the following:

1. 10101001_2
2. 11001001_2
3. 11111001_2
4. $11101001_2 \leftarrow$

The number 233_8 is equal to the following:

1. 150_{10}
2. 164_{10}
3. $155_{10} \leftarrow$
4. 159_{10}

Exercises (solution)

- $27_{10} \rightarrow 16+11 \rightarrow 0x1b \rightarrow 16+8+2+1 \rightarrow 11011_2$
 $121_{10} \rightarrow 64+32+16+8+1 \rightarrow 1111001_2 \rightarrow 0111\ 1001 \rightarrow 0x79$
- $2255_{16} \rightarrow 0010\ 0010\ 0101\ 0101 \rightarrow 0\ 010\ 001\ 001\ 010\ 101 \rightarrow 21125_8$
 $11EC3_{16} \rightarrow 0001\ 0001\ 1110\ 1100\ 0011 \rightarrow 00\ 010\ 001\ 111\ 011\ 000$
 $011 \rightarrow 217303_8$

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- 164_{10}
- $155_{10} \leftarrow$
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