Method: converting binary to hex

A "nibble" is 4 bits!

1. Start at the rightmost nibble.

2. Convert that nibble to a hex digit.

3. Move left to the next nibble; repeat.

unit 1

e.g.

Map 11101010_2 to hex.

Hexadecimal Digit		Binary Nibble
0_{16}	⇔	0000_2
1_{16}	⇔	0001_2
2_{16}	⇔	0010_2
3_{16}	⇔	0011_2
4_{16}	⇔	0100_2
5_{16}	⇔	0101_2
6_{16}	⇔	0110_2
7_{16}	⇔	0111_2
8_{16}	⇔	1000_2
9_{16}	⇔	1001_2
A_{16}	⇔	1010_2
B_{16}	⇔	1011_2
C_{16}	⇔	1100_2
D_{16}	⇔	1101_2
E_{16}	⇔	1110_2
F_{16}	⇔	1111_2