Convert Hex to Binary

Q. Convert the hexadecimal number 4A into binary.

Convert Hex to Binary

A = 10
B = 11
C = 12
D = 13
E = 14
F = 15

1. Split the number in two

   4   A

2. Write each half as a 4-bit binary number

   0100   1010

Convert Binary to Hex

Q. Convert the binary number 10110011 into hexadecimal.

Convert Binary to Hex

A = 10
B = 11
C = 12
D = 13
E = 14
F = 15

1. Split the number in two

    1011   0011

2. Write each half as a single decimal number

    11   3

3. Convert each half to hex

    B   3