

## CHAPTER 3 EXERCISES

1) How many binary digits does it take to represent the decimal number 2013?

11

2) How many bytes does it take to store the binary equivalent of the decimal number 1945?

2

3) Convert this binary number 101011010 to Decimal.

Solution: 346 (Please, include just a final number)

4) Convert this binary number 101011010 to Octal.

Solution: 532 (Please, include just a final number)

5) Show the decimal number 147 in Binary.

Solution: 10010011 (Please write in 0 and 1)

6) Convert this hexadecimal number 5D3 16 to Binary.

Solution: 0101 1101 0011 (Please write in 0 and 1)

7) Convert this octal number 1234 8 to Decimal.

Solution: 001 010 101 100 (Please include just a final number)