Converting positive denary whole numbers

Worksheet 1

1 Complete the following table which shows the place values of an 8-bit binary number.

						2^1	2^0
						2	1

2 Convert the following denary numbers into 8-bit binary ones.

(a) 13

(b) 69

(c) 131

(d) 199

(e) 245

3 Convert the following 8-bit binary numbers to denary ones.

(a) 11001101

(b) 01000100

(c) 1010101

(d) 11110000

(e) 10111100