

Binary data

Worksheet 2

1 Convert the following decimal numbers into binary.

(a) 14 _____

(b) 127 _____

(c) 249 _____

(d) 73 _____

(e) 257 _____

2 Work out the following sums in binary.
Check your answers by converting the numbers and the result into decimal.

(a) $11011 + 1101$ _____

(b) $11010101 + 00111110$ _____

(c) $1111 + 1$ _____

(d) $111111 + 1$ _____

(e) $10101010 + 01010101$ _____