

# Oxford Revise | OCR Computer Science | Answers

## Chapter 1 Binary numbers

Question	Answer	Extra information	Marks	AO / Specification reference
1	128 64 32 16 8 4 2 1 0 1 1 1 1 1 1 1	Digits correctly lined up under correct place values. Correct answer.	1 1	AO2 1.2.4
2	128 64 32 16 8 4 2 1 1 0 1 0 0 1 1 1 128 + 32 + 4 + 2 + 1 167	Digits correctly lined up under correct place values <b>or</b> Sum made up of all place values with a 1 under them. Correct answer.	1 1	AO2 1.2.4
3	2	1 nibble is 4 bits, 1 byte is 8 bits, therefore 2 nibbles make up 1 byte.	1	AO1 1.2.3