

Oxford Revise | OCR Computer Science | Answers

Chapter 15 Computational thinking

Question	Answer	Extra information	Marks	AO / Specification reference
1	Abstraction means to simplify the problem, by removing facts that are not relevant to the problem.	1 mark for stating abstraction simplifies the problem and 1 mark for saying how it simplifies the problem.	1 1	AO1 2.1.1
2	Room dimensions: 10 metres by 5 metres Cost of carpet: £35 per square metre	1 mark for each correct row.	1 1	AO2 2.1.1
3	Inputs: length of room (metres), width of room (metres) and cost of carpet per square metre Processing: total cost of carpet = length x width x cost of carpet per square metre Output: The overall cost of the carpet	1 mark for correct inputs. 1 mark for correct processing. 1 mark for correct output.	1 1 1	AO2 2.1.2