



Question 2 (continued)	R	A	G
Use CUSTARD and show workings out and enter answer in correct space with correct units (where applicable).			
2a) and b) 3 mark – 3 minutes: Identify and Justify question – Revise using bookmark in Boost Learning for Thermopolymers Pg158 and Polymer moulding methods Pg329			
2 c) 5 marks – 5 minutes: Using trigonometry to calculate and angle using SOCAHTOA Maths question or https://thirdspacelearning.com/gcse-maths/geometry-and-measure/sohcahtoa/#:~:text=SOHCAHTOA%20is%20a%20mnemonic%20that,)and%20tangent%20(%20tan%20).			
2d i) and ii) 5 marks – 5 minutes: Calculating percentage profit – Maths question			
2e) 1 marks – 1 minutes: Probability of fault occurring on given number of items - Maths question			

Question 3	R	A	G
Use CUSTARD and only use lines identified			
3a) 4 marks – 4 minutes: Identify and explain question - Revise using bookmark in Boost Learning for Environmental considerations (when selecting materials for a product) Pg139-142 and Pg76			
3b) 8 marks – 8 minutes: Discuss the implications and opportunities question – Revise using Boost Learning for Planned obsolescence Pg81			

Question 4	R	A	G
Use CUSTARD and only use lines identified			
4a i) and ii) 3 marks – 3 minutes: Identify and Explain question - Revise using bookmark in Boost Learning for Metals pg151-156			
4b i) and ii) 3 marks – 3 minutes: Identify and Explain question - Revise using bookmark in Boost Learning for Synthetic textiles Pg 170-173			
4c) 4 marks – 4 minutes: Identify and Explain question – Revise using bookmark in Boost Learning for Optimisation Pg95 and Pg346			



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4d i) 5 marks – 4 minutes: Explain Manufacturing question – Revise using videos added to 12D DET1 Classroom on Rolling Metal Bar and Focus on Learning for Metal Based Materials > Addition Processes			
4d ii) 8 marks – 8 minutes: Explain Manufacturing question – Revise using Focus on Learning for Metal Based Materials – Deforming processes and Working to tolerances, and Focus on Metals: Manufacturing Processes – Bending sheet metal and Presswork			
4e) 3 marks – 3 minutes: Identify and Justify question – Revise using bookmark in Boost Learning for Surface Finishes for metal Pg223-225 and Focus on Learning – Metal Based Materials – Surface Treatments and Finishes			