Q21. (2021)

Q	Answer	Mark	Comments
21	**Alternative method 1**		
	38 × 10.8(0) or 410.4(0)	M1	oe
	10.8(0) × 0.25 or 2.7(0)	M1	oe
	10.8(0) + their 2.7(0) or 13.5(0)	M1dep	dep on 2nd M1 10.8(0) × 1.25 is 2nd M1 and 3rd M1
	(491.4(0) – their 410.4(0)) ÷ their 13.5(0) or 81 ÷ their 13.5(0) or 6	M1dep	oe eg 6 × 13.5 = 81 or 410.4 + 13.5 + 13.5 + 13.5 + 13.5 + 13.5 = 491.4 dep on M3
	44 with 410.4(0) and 13.5(0) seen	A1	
	Alternative method 2		
	38 × 10.8(0) or 410.4(0)	M1	oe
	491.4(0) – their 410.4(0) or 81	M1dep	
	their 81 ÷ 10.8(0) or 7.5	M1dep	oe
	their 7.5 ÷ 1.25 or 6	M1dep	oe
	44 with 410.4(0) and 7.5 seen	A1	
	Alternative method 3		
	491.4(0) ÷ 10.8(0) or 45.5	M1	oe
	their 45.5 – 38	M1dep	
	7.5	A1	oe may be implied by 6
	their 7.5 ÷ 1.25 or 6	M1dep	oe dep on M2
	44 with 45.5 and 7.5 seen	A1	

	Additional Guidance	
21 cont	Choose the scheme that favours the student	
	Up to 3 marks may be awarded for correct work, with no or incorrect answer, even if this is seen amongst multiple attempts	
	Build up attempts must be fully correct or show method	