Q1. (2017)

8(b)	180°	B1	

Q2. (2018)

(A)

17(a)	270	B1	
	Additional Guidance		

(B)

17(b)	**Alternative method 1 (working in cm)**		
	[6.3, 6.7]	B1	implied by 1300
	[2.5, 2.9] and [1.8, 2.2] or [4.5, 4.9]	B1	implied by 540 and 400 implied by 940
	their 6.5 × 200 or 1300 and their 2.7 × 200 or 540 and their 2 × 200 or 400 or their 6.5 × 200 or 1300 and (their 2.7 + their 2) × 200 or 940 or their 6.5 × 200 or 1300 and their 4.7 × 200 or 940	M1	oe 1300 and 540 and 400 implies B2M1 1300 and 940 implies B2M1 distances must be exact if measurements not shown if only one value used for BC from the start, their 4.7 must be > 4 and < 6
	their 1300 – their 540 – their 400 or their 1300 – their 940	M1dep	oe may be implied by correct answer for their distances their 940 must be > 800 and < 1200
	Correct answer for their 6.5 and their 2.7 and their 2 with all measurements seen or Correct answer for their 6.5 and their 4.7 with all measurements seen	A1ft	ft their measurements their 4.7 must be > 4 and < 6

17(b) cont	**Alternative method 2 (working in cm)**		
	[6.3, 6.7]	B1	
	[2.5, 2.9] and [1.8, 2.2] or [4.5, 4.9]	B1	
	their 6.5 – their 2.7 – their 2 or their 6.5 – their 4.7 or 1.8	M1	oe if only one value used for BC from the start, their 4.7 must be > 4 and < 6
	their 1.8 × 200	M1dep	oe may be implied by correct answer
	Correct answer for their 6.5 and their 2.7 and their 2 with all measurements seen or Correct answer for their 6.5 and their 4.7 with all measurements seen	A1ft	ft their measurements their 4.7 must be > 4 and < 6
	Additional Guidance		
	Allow work in mm but note that they must multiply by 20 for the M1		
	Working may be on diagram		
	Must show measurements to score the A mark and answer must be correct for their original measurements		
	1300 – 940 and answer 360 (no measurements)		B1B1M1M1A0
	1300 – 920 and answer 380 (no measurements)		B1B0M0M0A0
	6.5, 4.6, 1300 – 920 and answer 380		B1B1M1M1A1ft
	6.5, 4.2, 1300 – 840 and answer 460		B1B0M1M1A1ft
	6.5, 2.6, 2 on diagram, 1300 – 5 × 200 (5 wrong for their values and addition not shown)		B1B1M0M0A0ft

Q3. (2021)

Q	Answer	Mark	Comments
20(b)	180	B1	