

Q1. (2017)

(A)

8(a)	Library	B1	
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(B)

8(b)	180°	B1	
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Q2. (2019)

12	Alternative method 1		
	10 × 40 or 400 or 18 × 40 or 720	M1	
	10 × 40 × 18 × 40	M1dep	oe implies M2
	288 000	A1	implies M2A1
	Kitchen	A1ft	correct decision for their area with M2 awarded accept 300 000 for Kitchen
	Alternative method 2		
	10 × 18 or 180 and 40 ² or 1600	M1	oe 10 × 18 × 40 and 300 000 ÷ 40 implies M2
	10 × 18 × 40 ² or 10 × 18 and 300 000 ÷ 40 ²	M1dep	
	288 000 or 180 and 187.5 or 7200 and 7500	A1	implies M2A1
	Kitchen	A1ft	correct decision for their area with M2 awarded accept 300 000 for Kitchen

12 cont	Alternative method 3 (working in metres)		
	0.1 × 40 or 4 or 0.18 × 40 or 7.2	M1	
	0.1 × 40 × 0.18 × 40 or 28.8	M1dep	oe implies M2
	28.8 and 30	A1	implies M2A1
	Kitchen	A1ft	correct decision for their area with M2 awarded accept 300 000 for Kitchen
	Alternative method 4 (working in metres)		
	0.1 × 0.18 or 0.018 and 40 ² or 1600	M1	oe 0.1 × 0.18 × 40 and 30 ÷ 40 implies M2
	0.1 × 0.18 × 40 ² or 28.8 or 0.1 × 0.18 and 30 ÷ 40 ²	M1dep	
	28.8 and 30 or 0.018 and 0.01875 or 0.72 and 0.75	A1	implies M2A1
	Kitchen	A1ft	correct decision for their area with M2 awarded accept 300 000 for Kitchen

12 cont	Additional Guidance	
	288 000 and Kitchen	M1M1A1A1
	288 000	M1M1A1
	$10 \times 40 = 4000$, $18 \times 40 = 720$ and 2 880 000 and Bedroom	M1M1A0A1ft
	4000 and 720 and 2 880 000 and Bedroom (only 720 scores)	M1M0A0A0ft
	Ignore any incorrect attempt to subtract 288 000 from 300 000	
	Any attempt to change units must be correct	
	NB $10 \times 40 = 400$, $10 \times 18 = 180$	M1
	$400 \times 180 = 72\,000$ and $300\,000 - 72\,000 = 228\,000$ and Kitchen	M0A0A0