

Q1. (2017)

3	(5, 7)	B1	
	Additional Guidance		

Q2. (2020)

Q	Answer	Mark	Comments
21(a)	(2.5, 0.4)	B1	
	Additional Guidance		

Q3. (2022)

Q	Answer	Mark	Comments
19	(32, 8)	B3	B2 $E(32, \dots)$ or $E(\dots, 8)$ B1 $C(17, 18)$ or $D(23, 14)$ SC1 $C(a, b)$ and $D(a + 6, b - 4)$
	Additional Guidance		
	Mark the answer line for B3 and B2 (if blank check working lines and diagram)		
	B1 or SC1 is likely to be seen in working lines or on the diagram		
	Condone missing brackets eg $C\ 17, 18$		B1
	Coordinates can be implied eg $D\ x = 23\ y = 14$		B1
	Condone answers given as vectors for B2, B1 or SC1 eg $C\ \begin{pmatrix} 17 \\ 18 \end{pmatrix}$		B1
	SC1 C cannot be (5, 26) or (11, 22) and coordinates of D must be evaluated eg $C(15, 17)$ and $D(21, 13)$		SC1

Q4. (2023)

Q	Answer	Mark	Comments
9	Identifies (6, 3) or (7, 9) or (-4, 3) or (-3, 9)	M1	may be seen on the grid mark intention on diagram eg parallelogram drawn with one of the vertices at (6, 3) or (6, 3) plotted
	Identifies (6, 3) and (7, 9) or identifies (-4, 3) and (-3, 9)	M1dep	may be seen on the grid mark intention on diagram eg parallelogram drawn with two of the vertices at (6, 3) and (7, 9) or (6, 3) and (7, 9) plotted
	Both diagonals drawn for one of the correct parallelograms or centre of one of the correct parallelograms identified or (4, 6) or (-1, 6)	M1dep	mark intention on diagram M3 may be implied eg $\left(\frac{1+7}{2}, \frac{9+3}{2}\right)$ or $\left(\frac{-4+2}{2}, \frac{9+3}{2}\right)$
	(4, 6) and (-1, 6)	A1	
	Additional Guidance		
	Up to M3 may be awarded for correct work with no answer or incorrect answer, even if this is seen amongst multiple attempts		
	Both answers correct (ignore working)		M3A1
	One answer correct (ignore working)		M3A0
	For first 2 marks condone correct points plotted even if labelled incorrectly		
	Up to M2 can be awarded for coordinates given as answers		
	Arc centre A radius 5 cm passing through (6, 3) and/or (-4, 3) is not sufficient to award M1 etc		