

Q1. (2020)

(A)

Q	Answer	Mark	Comments
22(a)	2 and 5 with no other roots	B2	either order B1 at least one correct root with up to one incorrect root SC1 (2, 0) or (5, 0) or (2, 5) or (5, 2)
	Additional Guidance		
	$x = 2$ and $x = 5$		B2
	2, 5 or 5, 2		B2
	(2, 0) and (5, 0) and 2 and 5		SC1
	(2, 0) and (5, 0) and -2 and -5		B0
	2, 0 and 5, 0 (both pairs imply coordinates)		SC1
	2, 0 or 5, 0 (one pair implies roots)		B1
	(0, 2) and (0, 5)		B0
	0, 2 and 0, 5 (both pairs imply coordinates)		B0
	0, 2 or 0, 5 (one pair implies roots)		B1
	Both answers embedded $2^2 - 7 \times 2 + 10 = 0$ and $5^2 - 7 \times 5 + 10 = 0$		B1
	$(x - 2)(x - 5)$		B0

(B)

Q	Answer	Mark	Comments
22(b)	3.5	B1	oe
	Additional Guidance		
	$x = 3.5$		B1
	$3.5x$		B0
	Ignore any y-coordinate even with brackets omitted eg (3.5, -2.25) or 3.5, -2 or $x = 3.5$ $y = -2.25$ or $x = 3.5$ $y = 2$		B1
	(-2.25, 3.5)		B0

Q2. (2024)

Q	Answer	Mark	Comments
23(b)	5	B1	
	3	B1	
	Additional Guidance		
	Mark the answer lines only		
	Do not allow eg (0, 5)		