Q1. 2017

12 A football team has P points.

$$P = 3W + D$$

W is the number of wins

D is the number of draws

A)

12(a)	20	B1	allow $P = 20$
	Additional Guidance		

B)

12(b)	53 – 11 or 42 or 33 × 3 or 99 or 11 × 2 or 33 – 11 or 22	M1	
	their 42 ÷ 3 or 14 or their 99 – 53 – their 22 or (their 22 × 3) – their 42 or 24	M1dep	oe eg build up - allow one error
	33 – 11 – their 14 or their 24 ÷ 3	M1dep	dep on M1M1
	8	A1	
	Additional Guidance		
	3 × 14 + 11 = 53		M2

Q2. (2018)

28	$5x + 15 < 60$ or $5x < 45$ or $x + 3 < 12$	M1	
	$x < 9$ or $9 > x$	A1	SC1 incorrect sign eg $x \leq 9$ or $x = 9$ or $x > 9$ or $x \geq 9$ or $x = < 9$ or answer of 9
	Additional Guidance		
	Allow use of other inequality signs or = if recovered to answer of $x < 9$		M1A1
	Embedded answer of $5(9 + 3) < 60$		M0A0
	$5x + 3 < 60$ followed by $x + 3 < 12$ followed by $x < 9$ is not a recovery, but is two errors		M0A0

Q3. (2021)

Q	Answer	Mark	Comments
22(c)	1 or -1	B1	oe fraction eg $\frac{10}{10}$
	Additional Guidance		
	Embedded answer eg $10 \times 1 = 10 \div 1$		B0
	1 and -1 or ± 1		B1

Q4. (2022)

Q	Answer	Mark	Comments
2	$P = 2r$	B1	