Question		on	Asnwer	Marks	Guidance			
1	(a)		a = 8 b = 3	1 1	If 0, allow SC1 for LHS = 8 <i>x</i> + 3 soi	0 for 8 if it comes from eg $8x^2$		
	(b)		Any pair of values satisfying the relationship $2c + d = 19$	2	nfww M1 for 2 <i>c</i> + <i>d</i> = 19 soi or LHS = 19	eg 2 for c 5 6 10 9.5 8 d 9 7 -1 0 3		

2	(a)	[<i>x</i> =] 5.5	3	oe; nfww M2 for $2x = 11$ oe or M1 for xs or numbers collected and simplified correctly and M1FT for final answer FT <i>their</i> $ax = b$ or $ax - b = 0$ with $a \neq 1$ or 0 or b and $b \neq 0$, provided at least M1 earned SC2 for correct embedded answer	allow from trials
	(b)	3 <i>n</i> + 1	2	oe; need not be simplified M1 for $3n$ oe SC1 for $3x + 1$ oe using other letters	accept <i>n</i> × 3. <i>n</i> 3 etc; [Common with Foundation]

3	(a)	5.5 or 5 ½	3	nfww M2 for $2x = 11$ or $[x =] 11/2$ Or M1 for one side of this correct AND M1 for answer FT <i>their ax = b</i> or <i>their</i> $ax + b = 0$ for $a \neq 1$ or $0, b \neq 0$	Common FT dependent on at least M1 already earned
	(b)	7y(y-2) as final answer	2	M1 for $7y()$ or for $7(y^2 - 2y)$ or for $y(7y - 14)$	

4	(a)	a = 6 b = 2	6 20	1 2	M1 for <i>b</i> = 2 + 3 <i>a</i> seen Or B1 for <i>their</i> answer FT 2 + 3 × <i>their a</i>	
	(b)	[<i>p</i> =	=]√ <u><u>cH</u>² 10 oe</u>	4	nfww M1 for $H^2 = \frac{10p^3}{c}$ M1 for $cH^2 = 10p^3$ or FT <i>their</i> expression for H^2 M1 for $p^3 = \frac{cH^2}{10}$ or FT M1FT for cube root of <i>their</i> expression for p^3 ; cube root symbol must extend below fraction line	 ie M1 for correct squaring M1 for dealing correctly with denominator of fraction after squaring M1 for dealing correctly with result to get p³ as subject M1 for correctly finding cube root of <i>their</i> expression for p³ (middle two Ms may be earned for a combined step) Award full marks only if fully correct