

Q	Answer	Mark	Comments
1(a)	45 in No (Played)	B1	
	36 in No (More than one game played?)	B1	
	12 in Yes (More than one game played?)	B1ft	ft 48 – their 36 their 36 must be a positive integer less than 48
	<b>Additional Guidance</b>		
	Mark the frequency tree		
	<pre> graph LR     93((93)) --- 48((48))     93 --- 45((45))     48 --- 12((12))     48 --- 36((36)) </pre>		B1B1B1
	<pre> graph LR     93((93)) --- 48((48))     93 --- 45((45))     48 --- 36((36))     48 --- 12((12)) </pre>		B1B0B1ft

Q	Answer	Mark	Comments
1(b)	<b>Alternative method 1</b>		
	$0.68 \times 93$ or 63.2(4)	M1	oe
	64	A1	
	<b>Alternative method 2</b>		
	$\frac{63}{93} = 0.67(\dots)$ or $\frac{64}{93} = [0.68, 0.69]$	M1	other trials can be ignored
	64	A1	
	<b>Additional Guidance</b>		
	Answer only 64	M1A1	
	$0.69 \times 93$ or 64.1(7) or 64.2 with answer 64 (without seeing $0.68 \times 93$ or 63.2(4))	M0A0	
	For $0.68 \times 93$ , accept $68\% \times 93$ but do not accept 68% of 93 unless recovered		