

Question		Answer	Marks	Part marks and guidance
24		18 nfw	6	<p>B4 for $2a = 5$ OR M3 for $6a - 4a = 8 - 4 + 1$ or better or M2 for $6a + 4 - 1 = 4a + 2 \times 4$ or better or $6a - 4a = 2b - b + 1$ or better or M1 for $6a + b - 1 = 4a + 2b$</p> <p>AND</p> <p>M1dep for correct substitution of 4 and their 2.5 in $a + 2b$ or $6a + b - 1$</p>
Total			100	<p>Isolating a</p> <p>Expect $6a + 3 = 4a + 8$ Expect $2a = b + 1$</p> <p>Dependent on at least M1 or B4 May be implied by $10 + 8$ or $15 + 3$</p>

Question	Example	Mark	Reason
7bii	It can't be the actual probability because there is yellow all in the bag	1	BOD the reference to balls, reward recognition yellow exists
	If you did it again you (could) land on yellow	1	Recognises yellow is an outcome
	She could get yellow as it in the spinner	1	Recognises yellow is on the spinner
	Her spinner is biased so would land on yellow if it was spun over 100 times	1	Recognises yellow is on spinner
	The spinner is biased. The probability of yellow is not the actual one.	0	Does not say yellow is on the spinner
	The total would not add up to 100. Yellow would have to be 12	0	Does not say yellow is on the spinner
	Because she has no yellows	0	Does not say yellow is on the spinner
	Because she has a biased 5 sided spinner	0	Does not say yellow is on the spinner

