

Question	Answer	Mark	Mark scheme	Additional guidance
11 (a)	Odd with reason	C1	<p>for odd with reason,</p> <p><b>Acceptable examples</b>  there are more odd (than even)  odd numbers have a higher probability  even numbers have a lower probability  more than half the spinner is made up of odd numbers  odd because there are 5 odd numbers  odd because there are 3 even numbers  odd because the ratio of odd to even is 5 : 3  odd as <math>5 &gt; 3</math></p> <p>odd, (probability for) odd is <math>\frac{5}{8}</math> / 5 out of 8 / 0.625 / 62.5%</p> <p>odd, as (probability for) even is <math>\frac{3}{8}</math> / 3 out of 8 / 0.375 / 37.5%</p> <p><b>Not acceptable examples</b>  odd, as probability for odd is <math>\frac{4}{8}</math>  odd, 2 is the only even number  even, ...</p>	<p>Reason may imply 'odd'</p> <p>If figures are given, they must be correct</p>
(b)	$\frac{3}{8}$	B1	for $\frac{3}{8}$ or any equivalent fraction or 0.375 or 37.5%	If a correct answer is shown and incorrectly rounded or simplified, award B1
(c)	50	M1	for $\frac{1}{8} \times 200$ (= 25) oe or for $\frac{2}{8} \times 200$ oe	Award M1A0 for an answer of $\frac{50}{200}$ or 50 out of 200 or 50:200
		A1	cao	