

11	(i)		<p>Prob of seeing a kingfisher is the same each day</p> <p>OR Seeing a kingfisher on one day is independent of other days</p>	<p>B1</p> <p>[1]</p>	<p>3.5b</p>	<p>oe</p> <p>In context</p>	<p>Not: Prob of seeing kingfisher is indep</p>
11	(ii)		0.318 (3 sf)	<p>B1</p> <p>[1]</p>	3.4	BC Allow 0.32 or 0.317	
11	(iii)		<p>0.318 or their (ii) used in a calculation</p> <p>$1 - P(X \leq 3)$ using $p = 0.318$ or their (ii)</p> <p>= 0.0854</p>	<p>M1</p> <p>M1</p> <p>A1</p> <p>[3]</p>	<p>3.1b</p> <p>1.1</p> <p>1.1</p>	<p>or B(6, their (ii)) stated</p> <p>or $P(X = 4, 5, 6)$ attempted using $p = 0.318$ or their (ii)</p> <p>Allow 0.0845 to 0.0875 Allow 2 sf BC</p>	