6	(a)	eg 1 – (0.2 + 0.12 + 0.08) (= 0.6) $1-\left(\frac{20}{100}+\frac{12}{100}+\frac{8}{100}\right)\left(=\frac{60}{100}\right)$oe **or** 100(%) – (20(%) + 12(%) + 8(%)) (= 60(%)) **or** 0.2 + 0.12 + 0.08 + 3*x* + *x* = 1 oe		3	M1	For a correct calculation for the remaining probability **or** a correct equation for the remaining probability
		"0.6" ÷ 4 (= 0.15) oe **or** "0.6" ÷ 4 × 3 **or** "0.6" × 0.75 oe (Sight of 0.15 in the table for Orange or Pink or 0.45 for Pink gains M2)			M1	For dividing the remaining probability by 4 or finding ¾ of the remaining probability NB "0.6" means 0.6 must come from correct working
		Working not required, so correct answer scores full marks (unless from obvious incorrect working)	0.45		A1	**or** $\frac{9}{20}$ oe **or** 45% (if working in % final answer must have % sign). Allow $\frac{0.45}{1}$ If no answer on answer line, check in the correct space in table above. Value on the answer line takes precedence over the table.
	(b)	0.12 × 150 oe eg 12 + 6		2	M1	For a correct calculation to find the number of times the spinner lands on blue
		Working not required, so correct answer scores full marks (unless from obvious incorrect working)	18		A1	(an answer of $\frac{18}{150}$ scores M1A0 as this is a probability not a number of times)
						Total 5 marks