15	(a)		$\frac{2}{9}, \frac{7}{9}$	2	B1 for correct probabilities for the first card Allow equivalent probabilities e.g $0.\dot{2}$
			$\frac{1}{8}, \frac{7}{8}, \frac{2}{8}, \frac{6}{8}$		B1 for correct probabilities for the second card Allow equivalent probabilities
	(b)	"$\frac{2}{9}$"×"$\frac{1}{8}$" or 1 – "$\frac{2}{9}$"×"$\frac{7}{8}$" – "$\frac{7}{9}$"×"$\frac{2}{8}$"– "$\frac{7}{9}$"×"$\frac{6}{8}$"		2	M1ft (All probabilities must be less than 1)
		Correct answer scores full marks (unless from obvious incorrect working)	$\frac{1}{36}$		A1ft oe probability must be less than 1 Allow equivalent decimal to at least 2 sf (truncated or rounded) for $\frac{1}{36}$ (= 0.027(77..))
	(c)	"$\frac{2}{9}$"×"$\frac{7}{8}$" or "$\frac{7}{9}$"×"$\frac{2}{8}$"oe or "$\frac{2}{9}$"×"$\frac{1}{8}$"**and** "$\frac{7}{9}$"×"$\frac{6}{8}$"oe or "$\frac{1}{36}$"**and** "$\frac{7}{9}$"×"$\frac{6}{8}$"oe		3	M1ft (All probabilities must be less than 1)
		"$\frac{2}{9}$"×"$\frac{7}{8}$"+"$\frac{7}{9}$"×"$\frac{2}{8}$" or $2\times\frac{14}{72}$ oe or 1 – "$\frac{2}{9}$"×"$\frac{1}{8}$"– "$\frac{7}{9}$"×"$\frac{6}{8}$" oe or 1 – "$\frac{1}{36}$"– "$\frac{7}{9}$"×"$\frac{6}{8}$" oe			M1ft

	Correct answer scores full marks (unless from obvious incorrect working)	$\frac{7}{18}$		A1ft oe probability must be less than 1 Allow equivalent decimal to at least 2 sf (truncated or rounded) for $\frac{7}{18}$ (= 0.38(88..))
				Total 7 marks