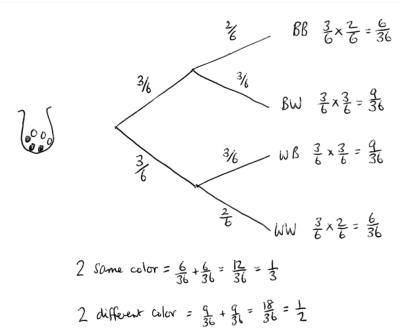
Student 1

Student 2

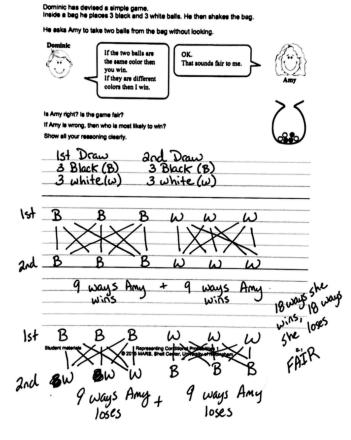
		2nd ball					
		BI	B2	в3	WI	W2	W3
İst	BI	Any	A	А	\mathcal{D}	D	D
ball	B2	A	A	Ą	\mathcal{D}	D	Þ
	B3	A	A	А	D	\mathcal{D}	D
	WI	D	D	D	A	А	А
	W 2	P	D	D	A	A	А
	W 3	D	\mathcal{D}	D	A	А	Α.

There are 36 equally likely outcomes. Amy whis 18 times Dominic whis 18 times So the game is fair.



Student 4

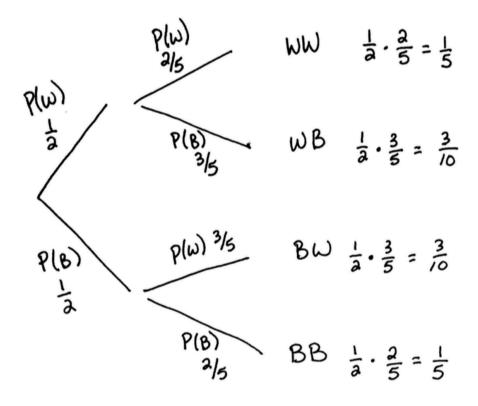
Lucky Dip



Student 5 On the first draw, Amy can pick either a black or white ball. $P(w) = \frac{3}{6} = \frac{1}{2}$ $P(B) = \frac{3}{6} = \frac{1}{2}$

Lt she picks White on the first draw then	If she picks black on the first draw, then
Plane the case	$P(\omega) = \frac{3}{5}$
$P(\omega) = a_{1/2}$	$P(B) = \frac{2}{5}$
P(B) = 3/5	15

Student 6



Student 7

