

Pr(Event)	Expression	Value
Pr(F)	$\Pr(X=0)+\Pr(X=1)+\Pr(X=2)$	
Pr(F)	${}^3C_0(\frac{1}{2})^3+{}^3C_1(\frac{1}{2})^3+{}^3C_2(\frac{1}{2})^3$	0.875
Pr(EF)	$\Pr(X=2)$	
Pr(EF)	${}^3C_2(\frac{1}{2})^3$	0.375
Pr(E F)	$\frac{Pr(EF)}{Pr(F)}$	0.428