$\dfrac{3}{26}$	*P(picking an even number)*	*P(picking a queen)*	$\dfrac{3}{13}$
P(picking any card that is not a spade)	$\dfrac{1}{26}$	*P(picking a red card)*	*P(picking an ace or king of any suit)*
$\dfrac{2}{13}$	1	*P(picking a club)*	$\dfrac{3}{4}$
P(picking the ace of spades)	$\dfrac{1}{13}$	*P(a 3 or 5 of diamonds)*	$\dfrac{1}{52}$
$\dfrac{5}{13}$	$\dfrac{1}{4}$	*P(picking a black even card)*	$\dfrac{1}{2}$
P(picking a multiple of 3)	$\dfrac{5}{26}$	*P(picking a red or black card)*	*P(picking a red picture card)* J, Q, K