

[Odds Probability Calculator](#) : calculators : games : odds

Odds, are given as (chances for success) : (chances against success) or vice versa. If odds are stated as an A to B chance of winning then the probability of winning is given as $P_{Win} = A / (A + B)$ while the probability of losing is given as $P_{Lose} = B / (A + B)$.

Odds against an Event

Number of Unfavourable Choices	Number of Favorable Choices	Number of Failures	Number of Successes
		$P(Eventc) : P(Event)$	
$(n \text{ ' } m) : m$			
$n \text{ ' } m (n \text{ ' }) T_j T^* BT / F1$			

$n \text{ ' } m : m$

[Odds in Favor and Odds against an Event. Calculating](#)