

Sports Betting Basics For Beginners

By Sherpa Analytics Inc.

Types of Betting

Straight UP Betting (Picking the winner)

a.k.a Moneyline betting

- **Book-maker** provides the favorite (-odds) and the underdog (+odds)
- **You pick** the favorite or the underdog as the winner

Spread Betting (Picking the team that will win or lose by a certain margin)

a.k.a ATS or Against the Spread betting

- **Book-maker** provides Spread or Margin for the favorite (-odds, -spread), and the underdog (+odds, + spread)
- **You pick the team that will cover the spread**
- If you pick the **favorite**: You will win if the favorite team wins by more points than the spread offered
- If you pick the **underdog**: You will win if the underdog team lose by less points than the spread offered

Over_Under Betting (Picking one of two options: The sum of the team and opponent scores will be higher or lower than specified)

a.k.a Total (O_U) betting

Book-maker provides Spread or Margin for the favorite (-odds, -spread), and the underdog (+odds, + spread)

- **You pick the team that will cover the spread**
- If you pick the **favorite**: You will win if the favorite team wins by more points than the spread offered
- If you pick the **underdog**: You will win if the underdog team lose by less points than the spread offered

Betting Sites

RANK	BETTING SITE	BONUS	BET NOW
1	MyBookie	100% up to \$1,000	Go to Site
2	Bovada	50% up to \$250	Go to Site
3	BetNow	100% up to \$500	Go to Site
4	SportsBetting.ag	50% up to \$1,000	Go to Site
5	BetOnline	50% up to \$1,000	Go to Site

Sherpa Analytics Guidance

For each type of betting shown on the left, bettors will need to do research to help them pick their bets.

For complementary recommendations
Generated using Artificial intelligence (AI/ML)
<https://www.nflsherpa.com/skill-bet>

Betting Notation and Math By Sherpa Analytics Inc.

Sherpa or Other Analytics Vendors

Math		Odds	Notation (1)
Numerator (N)	Denominator (D)	Odds In English	% probability (P)
4	5	4 of 5	80%
			78%
3	4	3 of 4	75%
			71%
2	3	2 of 3	67%
1	2	1 of 2	50%
1	3	1 of 3	33%
			29%
1	4	1 of 4	25%
			22%
1	5	1 of 5	20%

Sports Books (a.k.a, Book, House, Out)

P to D	Notation (2) Decimal (D)	D to U	Notation (3) USA (U)	Label In Betlish	Money	
					Wager	To Win
D = 1 / P	1.25	Formula	-400	Favorite	\$400	\$100
D = 1 / P	1.29	Formula	-350	Favorite	\$350	\$100
D = 1 / P	1.33	Formula	-300	Favorite	\$300	\$100
D = 1 / P	1.40	Formula	-250	Favorite	\$250	\$100
D = 1 / P	1.50	Formula	-200	Favorite	\$200	\$100
	0.50	Formula	100	Pick	\$100	\$100
D = 1 / P	3.00	Formula	-200	Underdog	\$100	\$200
D = 1 / P	3.50	Formula	-250	Underdog	\$100	\$250
D = 1 / P	4.00	Formula	-300	Underdog	\$100	\$300
D = 1 / P	4.50	Formula	-350	Underdog	\$100	\$350
D = 1 / P	5.00	Formula	-400	Underdog	\$100	\$400

Formula

U = if (D = 0.5, 100, if D > 2, 100*(D-1), if D < 2 100/(D-1))