

# Kelly Criterion Staking Worksheet

SportsBrackets.net

Turn your edge and bankroll into a disciplined bet size.

Bet / matchup: \_\_\_\_\_

Date: \_\_\_\_\_ Sportsbook / market: \_\_\_\_\_

## Your inputs

Odds (American) \_\_\_\_\_

Odds as decimal ( $b = \text{decimal} - 1$ ) \_\_\_\_\_

Your win probability  $p$  (%) \_\_\_\_\_ %

Bankroll (\$) \$ \_\_\_\_\_

## Kelly result

Edge: ( $\text{decimal} \times p$ ) - 1 \_\_\_\_\_

Full Kelly fraction  $f = (b \times p - q) / b$  where  $q = 1 - p$  \_\_\_\_\_ %

Full Kelly stake ( $f \times \text{bankroll}$ ) \$ \_\_\_\_\_

Half Kelly stake (recommended,  $0.5 \times f \times \text{bankroll}$ ) \$ \_\_\_\_\_

Quarter Kelly stake ( $0.25 \times f \times \text{bankroll}$ ) \$ \_\_\_\_\_

### How to use this sheet

1. Convert American odds to decimal: +150 = 2.50; -120 = 1.83 ( $1 + 100/120$ ). Then  $b = \text{decimal} - 1$ .
2. Estimate  $p$ , your honest chance the bet wins, as a decimal (55% = 0.55).  $q = 1 - p$ .
3. Full Kelly fraction  $f = (b \times p - q) / b$ . If  $f$  is zero or negative, there is no edge, so bet nothing.
4. Multiply  $f$  by your bankroll for the full-Kelly stake. Most bettors use half or quarter Kelly.
5. Half and quarter Kelly cut swings sharply while keeping most of the long-run growth.

Run the numbers instantly at [SportsBrackets.net/kelly-criterion-calculator/](https://SportsBrackets.net/kelly-criterion-calculator/)