

Name _____

Cracking the Code: Important Baseball Statistics Explained

Short Answer Key

1. Batting average (BA) measures a player's hitting prowess by calculating the percentage of times they successfully get a hit when they step up to bat.
2. ERA (Earned Run Average) is calculated by dividing the total earned runs by the total innings pitched and multiplying by nine. It represents the average number of earned runs a pitcher allows per nine innings pitched.
3. On-Base Percentage (OBP) includes hits, walks, and hit-by-pitches but excludes errors and fielder's choices. It is considered an important statistic because it reflects a player's overall offensive effectiveness, considering both their ability to hit and their patience at the plate.
4. Slugging Percentage (SLG) measures a player's power-hitting ability. It is calculated by dividing the total number of bases a player earns from their hits by the total number of at-bats. A high SLG indicates a player's ability to hit for extra bases.
5. Runs Batted In (RBI) indicates a player's contribution to their team's offense by measuring their ability to drive in runs when they bat.

