

CHAPTER
8 Percents

Project Recording Sheet

One of the reasons that people like baseball is that they can spend hours looking at the statistics and compare players and teams. Statistics allow us to see what has happened in the past and try to predict what will happen in the future. Use the data below to compare these great players and predict which of them, if any, might break Hank Arron’s all-time home run total of 755.

Player	Years Played	Mean Number Per Year				Homers (Career)	Homers (last 5 years)
		At-Bats	Singles	Doubles	Triples		
Barry Bonds	16	496	145	30	4	35	47
Sammy Sosa	13	498	113	17	3	28	56
Ken Griffey Jr.	13	517	153	28	3	35	44
Alex Rodriguez	8	470	146	29	2	30	40

Use the last column of the table above to complete the table below.

Player	Estimate of Homeruns for 500 at Bats	Percentage of Career Homeruns out of Hits
Barry Bonds		16%
Sammy Sosa		17%
Ken Griffey Jr.		16%
Alex Rodriguez		14%

Who will break Hank’s record?

- Who has the highest percent of homeruns out of hits? _____
- Who has the most homeruns in the last five years? _____
- Who has played baseball for the most number of years? _____
- How many more years would Sammy Sosa need to play to break Hank’s record? Round up if necessary. _____
- How many more years would Barry Bonds need to play to break Hank’s record? Round up if necessary. _____

Displaying Data

Select two players and create circle graphs to display the types of hits that they average in a year.

Extension: Who do you think is the greatest home-run hitter of all time? Present the data that supports your opinion.