How Baseball Managers Use Math - Google Books Result 10 May 2010. All serious baseball fans have played the role of manager in their own minds at some point or another. It's a sport that lends itself to that sort of thing. Baseball is a game of strategy, and managers must make decisions on the fly to try to outsmart their opponents. But how much math does it really take to be a successful manager? The answer is more than you might think. Managers must be able to analyze data and make calculated decisions based on that information. They must understand concepts like probability and statistics in order to make informed choices. For example, a manager might want to use a pinch hitter with a high on-base percentage against a pitcher with a high walk rate. Or they might want to use a relief pitcher with a low ERA in a high-leverage situation. These are just a few examples of how managers use math in their decision-making process. So if you're interested in becoming a baseball manager, you should definitely consider brushing up on your math skills. After all, math is an important tool in the world of baseball management.