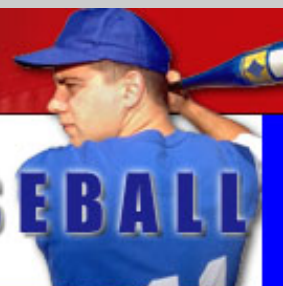


WELCOME TO INSIDE BASEBALL



Welcome to **Inside Baseball**, an educational behind-the-scenes look at the game of baseball, brought to you by ARAMARK, the company that helps your school provide breakfast and lunch programs, and the Major League Baseball Players Association!

- Have you ever wondered what goes on "behind-the-scenes" during a baseball game?
- Do you want to learn more about your favorite baseball players?
- Do you want to learn more about Minute Maid Park and how it runs?

Well, you're in the right place!

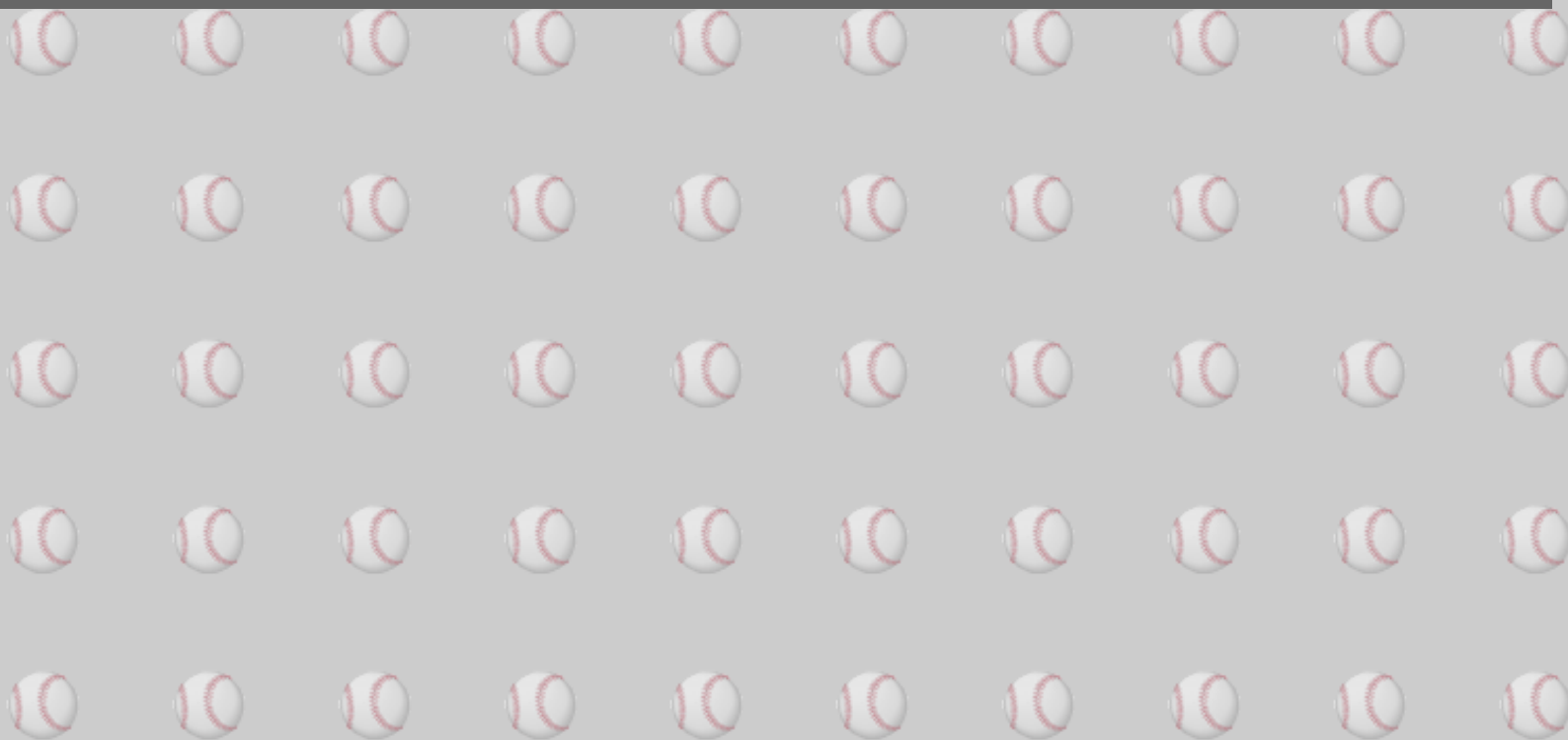
Inside Baseball is a fun program that uses this Web site to teach you more about your home team, the **Houston Astros**. You'll learn how your favorite players help their communities through volunteering, how team statisticians keep track of a player's performance and how to run a first-class ballpark!

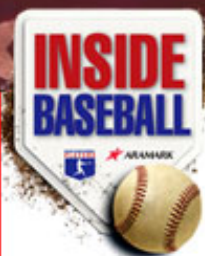


When you've completed your projects, your parents will have the chance to bring you and your family to a baseball game at Minute Maid Park where you'll see all the people you learned about in action!

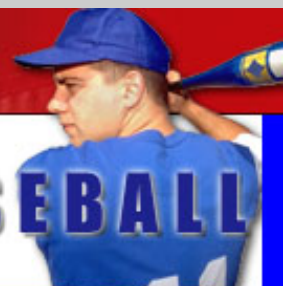
Let's get started. Be sure to hit a home run!

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WELCOME TO INSIDE BASEBALL



Plan the Ballpark Menu

The park concessions manager must order enough food to feed thousands of hungry fans at every game. If you had this job, you would need to know the answers to the following questions:

Note: Do your best to do some research and then estimate the answers. When you get to Minute Maid Park, you'll meet the actual concessions manager who can give you the right answer. Bring this sheet to the game and see how well you estimated!

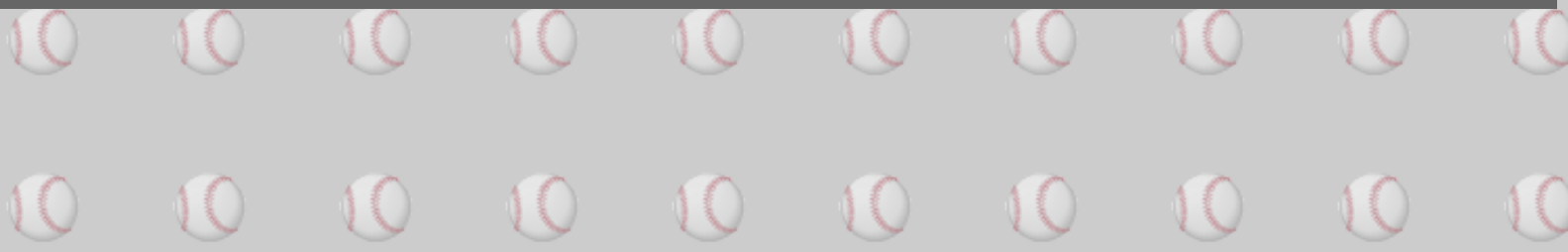
The ballpark seats 43,500 fans. One third of those attending the game will eat 1.5 hotdogs. How many hotdogs should you order?

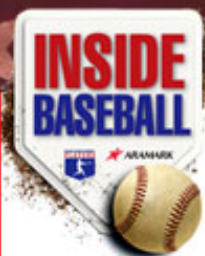
If there are 80 home games per season, and 30,000 tickets were sold for each game, how many pretzels does the concessions manager need to order for the entire season, assuming that every fan at each game eats one pretzel?

Protein is an important part of your daily diet because it helps you build and maintain muscle. Protein is found in foods such as nuts, chicken and meats. Which ballpark foods contain protein?

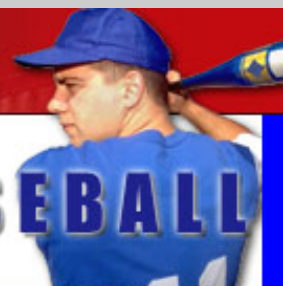
Last year, on a very hot night 21,000 bottles of water were sold. During cold weather, the ballpark sells $\frac{1}{3}$ fewer bottles during the game than on a hot night. The temperature outside tonight is 55 degrees. Using this information, estimate how many bottles of water will be sold tonight.

We know that foods containing carbohydrates such as potatoes and pasta give us energy to perform at our peak. What foods can you eat at the ballpark containing carbohydrates?





WELCOME TO INSIDE BASEBALL



What's the Stat?

1. Lance Berkman is a long ball hitter. In one game he hit three homeruns. If one ball went 452 feet, the next one went 497 feet, and the third one went 476 feet, what is the average distance his homerun balls traveled?

2. A batting average represents the percentage of at bats that result in hits for a particular baseball player. The formula is: Hits / At Bats = Batting Avg. If Richard Hidalgo gets 30 hits in 150 at bats in May, what is his batting average for the month of May?

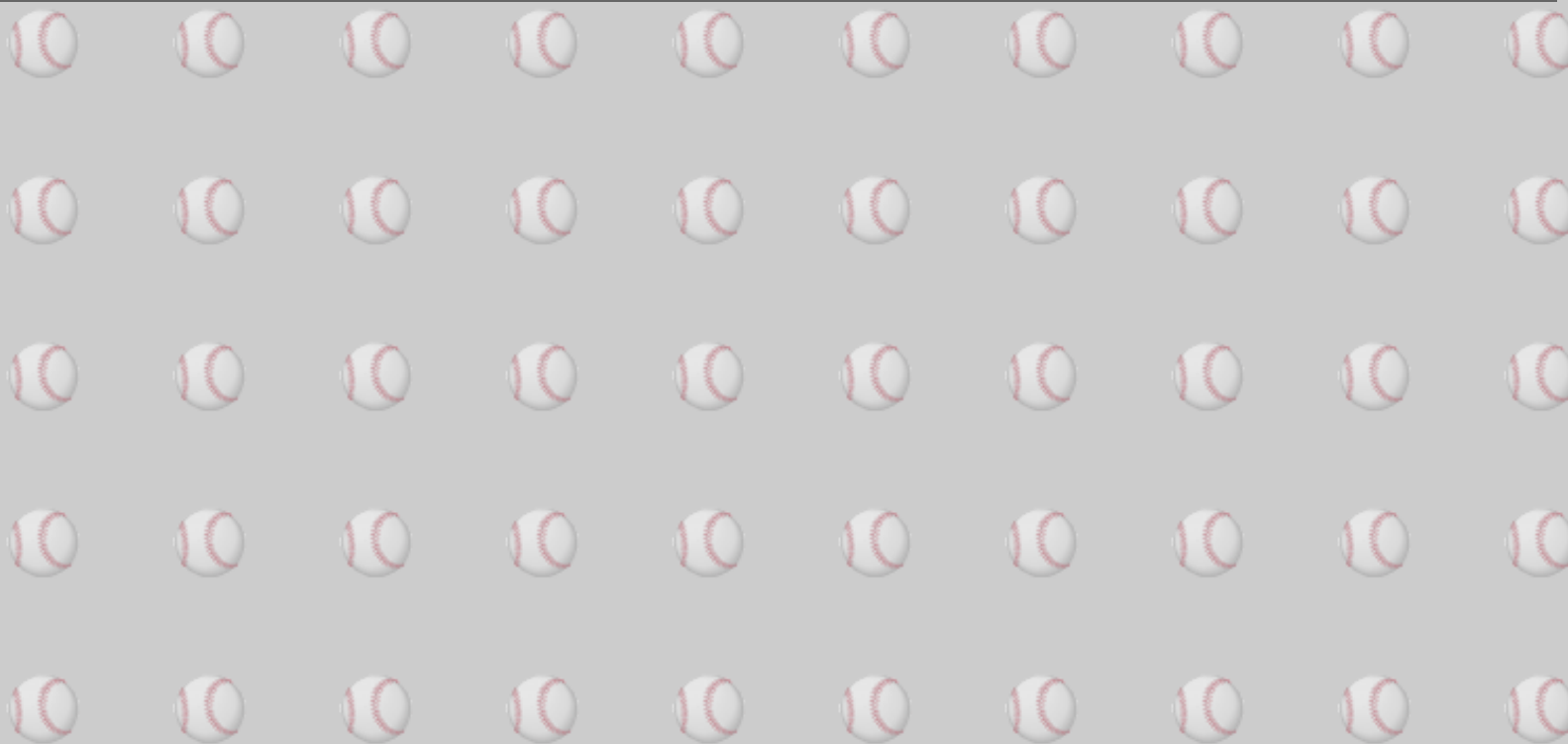
3. If Jeff Kent gets 75 hits in 150 at bats in July, what is his batting average for the month?

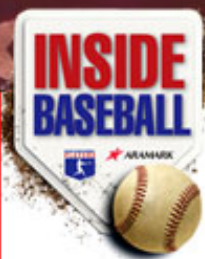
4. Earned run average (ERA) can be calculated by multiplying the total number of earned runs by nine, and dividing the results by the total innings pitched (earned runs x 9) / (innings pitched). If Roger Clemens is charged with 100 earned runs in his first 300 innings pitched, what is his ERA?

5. If Andy Pettitte yields 20 earned runs over 200 innings in 2003, what is his ERA?

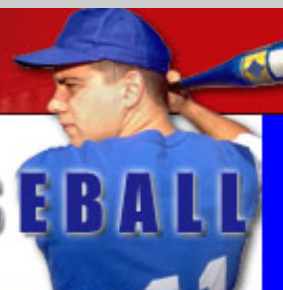
6. Over the past three seasons, the Astros have had a cumulative record of 249 wins and 237 losses. To determine the coach's winning percentage, take the total number of wins divided by the total number of games. Round your answer to the nearest hundredth and then change the decimal into a percent.

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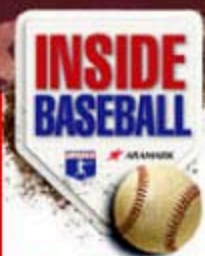
Winning on the Field, Winning in the Community

It's no secret! Your favorite Astros are good guys who like to help others in need.

For this part of the project, pick your favorite Houston Astros player. Go to <http://bigleaguers.yahoo.com/mlbpa/players>, find your player's name and find out where he volunteers and helps those in need.

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Winning on the Field, Winning in the Community

If you could spend the day with your favorite two players and volunteer, where would you go? How would you help people together? Why is volunteering important?

