



Leafy Greens Council Math Lessons

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Math #1: PROBLEMS AT THE BALLPARK

1. Hannah sold 9 broccoli bites and 7 drinks. How many items did she sell?
2. Justin sold 7 hot dogs to the baseball fans before his cooker broke. He could have sold 5 more hot dogs. How many could he have sold all together?
3. During the afternoon game, Jess sold 5 packages of cotton candy and 8 candy apples. During the evening game, he sold 8 candy apples and 5 packages of cotton candy. How many items did he sell in the afternoon? How many items did he sell in the evening?
4. Last week, 29 third graders took a field trip to the ballpark on one bus and 33 rode on another bus. How many students went on the trip?
5. There were 83 people in the first row at the ballpark. There were 79 people in the second row, and 86 people in the third row. How many people were in the first three rows?
6. Mr. William is counting baseballs. He has 63 in the dugout. He finds 17 more on the practice field. How many baseballs does he have now?
7. Eight (8) drinks were in the sale crate. Hannah took 3 of them out to sell. How many drinks are left in the sale crate?
8. Of the 29 students on the first bus, 13 said they had been to a ballpark before. How many of those students had never been to a ballpark?
9. Justin had 14 drinks in his sale crate. He tripped on the ballpark steps and spilled 5 of them. How many drinks does he have left to sell?
10. At the Saturday ball game, 875 seats were filled at the ballpark. On Monday, 752 seats were filled. How many more seats were filled on Saturday than on Monday?
11. Mr. William had 134 free tickets. He gave 43 of them away to the third grade class and their teacher. How many tickets did he have left?
12. Jonathan sold 17 bags of popcorn on Friday and 12 bags on Saturday. Hannah sold 31 bags of popcorn. Who sold more bags of popcorn?



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Math #2: PROBLEMS AT THE BALLPARK

1. Jess is selling broccoli bites for \$1.95. Justin is selling broccoli bites for \$1.59. Which one would you buy broccoli bites from? Why?
2. Caroline spent \$3.45 on ballpark treats. Her brother spent \$3.85. Who spent more?
3. Zach wanted to buy a souvenir. The price on the baseball caps was \$13.00. Justin told him that caps were on sale for "\$4.00 off." How much was the sale price of the cap?
4. Jess earned \$16.00 selling items at the ballpark. Justin earned \$2.00 more than Jess. How much money did each earn?
5. Caroline spent \$2.45 less on food at the ball game today than she spent last week at the game. At last week's game, she spent \$6.50. How much did she spend at the game today?
6. Sarah has 3 quarters, 4 dimes, 2 nickels and 20 pennies. Does she have enough money to get a drink that cost \$1.50?
7. Kate wants to buy 1 hot dog and 1 drink at the ballpark. They cost a total of \$3.00. She has 2 quarters, 10 dimes, 8 nickels, and 15 pennies. Does she have enough to buy the hot dog and drink? If so, how much change would she receive? If not, how much change does she need?
8. Justin sold broccoli bites to Caroline for \$1.50. She gave him a \$5.00 bill. How much change did she receive?
9. Will bought 2 hot dogs at the ballpark for \$1.50 each. He also bought 1 drink and 1 candy apple for \$1.00 each. He gave Hannah a \$10.00 bill. How much change did he get from Hannah?
10. Melanie took \$20.00 to the ball game on Saturday. She bought a candy apple for \$2.00, 2 bags of popcorn for \$1.50 each, 2 drinks for \$1.50 each, and a souvenir for \$6.00. How much money did she have left?



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Math #3: PROBLEMS AT THE BALLPARK

1. Look at the chart below. Mr. Don has to study today's sales at the ballpark.

Today's Sales at the Ball Park	
Drinks	18
Popcorn	19
Hot Dogs	6
Cracker Jacks	0
Candy apples	3
Broccoli Bites	21
Ice Cream	5

- Which item sold the most? _____
- How many hot dogs and ice cream sold? _____
- Did more candy apples or ice cream sell? _____
- How many more bags of popcorn sold than hot dogs? _____
- How many fewer candy apples sold than drinks? _____
- How many total items sold today at the ballpark? _____

2. Mr. Don studied the ballpark sales for the month of July.

July Ball Park Sales	
Drinks	3742
Popcorn	3075
Hot Dogs	3502
Cracker Jacks	942
Candy apples	3954
Broccoli Bites	809
Ice Cream	207

Make a table showing items in order from the most sold to the least sold.



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Math #4: PROBLEMS AT THE BALLPARK

1. Jonathan sold 4 bags of popcorn on Monday. On Thursday, he sold double the number of bags of popcorn he sold on Monday. How many total did he sell on both days?
2. Hannah worked 6 straight ball games this week. She earned \$10.00 each game. How much has she earned this week?
3. Jess put boxes of cracker jacks in 2 rows in the sale crate. Each row had 7 boxes in it. How many boxes did he have?
4. The dugout at the ballpark is 8 feet wide. The concession stand is 2 times as wide as the dugout. How wide is the concession stand?
5. Caroline ate 2 candy apples at the ballpark. Her brother got sick because he ate 3 times as many candy apples as Caroline. How many candy apples did her brother eat?
6. Home runs were hit and 8 baseballs were lost to the fans each day for 3 days. How many were lost altogether in the 3 days?
7. Jonathan sold 3 broccoli bites to each of 4 people. How many broccoli bites did he sell?
8. The ballplayers run 4 laps around the ball field during practice each day. How many laps will they run if they practice every day for 9 days?



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Math #5: PROBLEMS AT THE BALLPARK

1. Hannah earns \$10.00 per game for selling items at the ballpark. She wants to buy a bike that costs \$80.00. How many ball games will she have to work to earn enough money to buy that bike?
2. Jess takes a break in between games and eats 2 hot dogs and 4 of broccoli bites for lunch. He cuts each hot dog in 3 sections so he can share with Hannah. How many pieces of hot dog were there?
3. The fourth grade class only bought baseball cards as souvenirs at today's game. There are a total of 80 students in the fourth grade. They have about 480 baseball cards altogether. About how many baseball cards does each fourth grader have?
4. There are a total of 24 boxes of cracker jacks in the concession stand. They are divided up on 3 shelves in the concession stand. How many boxes are on each shelf?
5. Zach has been to games at the ballpark 18 times in the past 6 years. If he went to the same number of games each year, how many games did he go to this year?
6. Mr. William gave 1 ticket to the teacher and 42 free ball game tickets to the third grade class. Each student got 3 tickets. How many students are there in the third grade class?
7. There are 3600 fans at the ballpark today. They are seated on 200 rows. How many fans are on each row?
8. Mr. William has 21 baseballs lined up in 3 equal rows on the playing field. How many baseballs are in each row?
9. Of the 33 third graders at the ball park, $\frac{1}{3}$ of them bought souvenirs. How many did NOT buy souvenirs?
10. There are 10 ball players practicing on the field. $\frac{1}{2}$ of them have bandages on their arms. How many players do not have bandages?



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Math #6: PROBLEMS AT THE BALLPARK

1. Hannah and Justin both sell drinks. Together, they only have 16 drinks left to sell. Justin has 2 more left than Hannah. How many drinks does each have left?
2. Chase has bought 2 souvenirs and Zach has bought 3. Will has bought 4 souvenirs and Ryan has bought 6. How many more souvenirs do Will and Ryan have than Chase and Zach?
3. Will is saving money for a new baseball bat. It costs \$18.00. He has saved 14.50. How much more money does he need to save in order to buy the bat?
4. The fifth graders are saving and selling aluminum cans to buy ball game tickets. If they get paid \$.02 for each can and they need to save \$6.00 for each ticket, how many cans do they each need to collect?
5. The baseball team has to travel 580 miles to their next game . They get on the bus and ride 210 miles before stopping for lunch. Then they ride 320 miles before stopping for dinner. How many miles to they have left to ride after dinner?
6. Jonathan's customer paid for his \$3.00 worth of broccoli bites with 24 coins. But only 2 different types of coins were used. What coins and how many of each did the customer give Jonathan?
7. On Thursday afternoon, Justin sold 24 candy apples. On Thursday evening, he sold 37 candy apples. Estimate the number of candy apples he sold that day.
8. Hannah sold 8 bags of popcorn at the ball game yesterday. She sold 13 bags today. Estimate the amount of money she collected altogether for both days from the sale of popcorn if each bag costs \$1.50.
9. The third graders arrived at the ballpark at 12:15. The ball game started at 12:45. How long did the third graders have to wait?
10. The ball game lasted 1 hour and 30 minutes. If it started at 12:45, what time did it end?



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Math #7: PROBLEMS AT THE BALLPARK

1. Zach is standing in line to buy tickets to the ball game. There are 4 people in front of him in line. There are 8 people behind him in line. How many people altogether are in line for ball game tickets?
2. Three teams are playing baseball. Each team will play each of the other teams just once. How many games will be played?
3. Fans are waiting impatiently for the game to start. Will is in the third seat from the aisle. Zach is nearer the aisle than Will and farther away than Kate. Caroline is in the seat next to Chase, who is 3 seats behind Will. Sarah is closer to the aisle than Caroline. In what position is Sarah?
4. Jonathan had 1 vanilla, 2 chocolate, and 2 strawberry ice cream cones. How many cones did he have all together? Kate wants 2 cones. She could choose 1 vanilla and 1 chocolate. Name 3 other choices Kate could make.
5. What is the name of the shape of the baseball field?
6. Use a tape measure to figure the length of your baseball bat, width of your baseball glove, or the width of your school desk. Draw a line on paper to show that measurement. Label the line with feet or inches.
7. The ballplayers from the two teams are lined up on the field in a pattern. The first 3 players are in blue uniforms. The next 4 players are in red uniforms. The next 3 players are in blue uniforms. What are the next players?
8. Mr. Don at the concession stand lined up some of the sale items by size. The popcorn bags are larger than the candy apples but smaller than the hot dogs. The broccoli bites are smaller than the drinks but larger than the hot dogs. From smallest to largest, how were the items lined up?



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COLOR BY NUMBER



1 = GRAY

2 = GREEN

3 = LIGHT BLUE

4 = LIGHT GREEN

5 = DARK GREEN

6 = PINK