

That's a Lot of Hotdogs!

Task List

Spreadsheet:

- Contained at least three food-eating records 5 _____
- Measured total calories consumed 5 _____
- Measured rate of consumption 5 _____
- Measured equivalent exercise needed to burn calories 5 _____
- Was neat, consistent and accurate 3 _____

Presentation:

- Contained the information from the spreadsheet 5 _____
- Was neat, consistent and accurate 4 _____
- Contained a “summary sheet” for printing 4 _____
- Was given at a comfortable pace 3 _____

Groups:

- Worked well together 3 _____
- Allowed all members to participate 3 _____

Total: 45 _____

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Think Sheet

Before working at the computer, please answer these questions with your group. As always, make sure that every group member participates!

1. What formula will you use to calculate units per minute?
2. Let's say that you have a rate of units per minute that you want to change to units per *second*. What should you do?
3. In my presentation, I stated that 13,510 calories is the equivalent of three gallons of ice cream. Why does that make it easier to comprehend?
4. What is the difference between 4.46 hotdogs per minute and one hotdog every 13.46 seconds? Is one greater than the other?
5. How long would it take you to eat $53 \frac{1}{2}$ hotdogs? How would you feel after doing something like that?
6. Do you think your doctor would recommend eating that much food in such a short period of time?

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Internet Search Suggestions

International Federation of Competitive Eating

<http://www.ifoce.com/records.php>

Calories Gained from Various Foods

<http://www.myfoodbuddy.com/foodCalorieTable.htm>

<http://www.caloriechart.org/>

<http://www.calorieking.com/>

Calories Burned by Various Exercises

http://www.tahitiannoni.com/us/tahiti_trim/exercise_calorie_chart.htm

Search Keyword Ideas: