

Devil Round Solutions

DMM 2023

1. You used a lot of paper during today's contest. How many pieces of paper were printed in preparation for this year's Duke Math Meet? (Note: this does not include the blank pieces of scratch paper)

Answer:

2. Many Duke students love to spend time in the Duke Gardens. Approximately how many species of plants can you find in the gardens?

Answer:

3. Excluding Madagascar, Duke's Lemur Center is the largest and most diverse collection of Lemurs in the world. How many species of lemurs are in Duke's Lemur Center?

Answer:

4. Duke is known for its basketball prowess. How many wins did legendary basketball coach, Coach K, win with Duke?

Answer:

5. The crown jewel of Duke's campus is the famous Duke University Chapel. What is the maximum capacity of the chapel?

Answer:

6. Construction is a staple across many college campuses, and Duke is no exception. As part of a project called "Building on Excellence", how much did Duke spend on construction from February 2001 to November 2005?

Answer:

7. Affectionately called WU, Duke's dining hall is full of restaurants from which you can order from. If you were to order every possible combination of toppings in a Sazon Arepa Bowl, how much would this cost you? (i.e. a bowl with and without guacamole would count as separate combinations)

Answer:

8. Under their new head coach, Coach Elko, Duke's football team has shown drastic improvement and impressed everyone. How many instagram followers does the Duke Football instagram account have?

Answer:

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9. Every Duke Math Meet is a success, and we love building on successes. What is the sum of the integer answers to last year's Team Round?

Answer: 4,437

10. What is the median of the answers to the previous 9 questions?

Answer: 4,500