A Study from the Math Images Project

The purpose of this study is to help us understand how students read about mathematical ideas. This study is not testing you; your level of success at answering questions in this study probably does not reflect your mathematical knowledge or aptitude.

Overview
This study has 4 parts:

1. Answering some introductory questions that ask about your interest in mathematics and your level of background knowledge about a couple of particular mathematical topics.
2. Reading a page on the Math Images website, where you will learn about a mathematical topic.
3. Completing the follow-up questions, which ask about your experience working with the page
4. Answering some demographic questions that will help us analyze the data.

Notes on Answering Questions
It is most helpful to us if you:

- Answer any questions about which you have some ideas, even if you are not at all sure about your answers.
- Select the "I don't know" option if you are randomly guessing or grasping at straws. If a page didn't help you learn something, we want to know it, so we can make our pages better! If you are able to explain what was difficult about the question, that would be especially helpful.

Please enter what time it is right now:

Please enter your ID word:

Introductory Questions

1. How much fun is math for you?
   
   1 2 3 4 5
   
   No fun o o o o o Tons of fun

2. How likely are you to do math problems that are not assigned?
   
   1 2 3 4 5
   
   Very unlikely o o o o o Very likely
3. How likely are you to read about math in your spare time?

1  2  3  4  5
Very unlikely  ○  ○  ○  ○  ○  Very likely

4. How likely are you to talk about math outside of work you need to do for class?

1  2  3  4  5
Very unlikely  ○  ○  ○  ○  ○  Very likely

**Fibonacci Numbers**

The following questions will help us determine how the usefulness of pages varies for different readers. You may or may not already be familiar with these terms and notation, but either way your answers to these questions should and will not be seen as reflecting your mathematical ability.

5. List the first 8 numbers in the Fibonacci sequence.  
*If you don't know what the Fibonacci sequence is, write "?" in the box.*

6. A sequence \( C_n \) is defined recursively by the rule \( C_n = C_{n-1} + 4 \). If \( C_1 = 8 \), what are \( C_2 \) and \( C_3 \)?  
*It's fine to write "?" if you don't know what it means.*

That's it! Let's get started!

You may proceed to the Math Images page by clicking "Submit". Take as much time as you would like to read the content of the website, making an effort to understand as much of the material on the page as you are able to.