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# Final Assessment Part I: Find an example of calculus applied

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The first part of your final assessment is to find an example of calculus applied to a situation outside mathematics. Choose a field you're interested in and seek out an example of the use of calculus. You might look in a textbook, a news article, or an academic paper. You might talk to teachers or professionals in other fields. Or you might find one while going about your daily life.

Post your application of calculus to the discussion forum below, and then answer the question below when you have completed your post.

#### In your post, be sure to list:

- The example you found
- How your example involves calculus
- The source of your example; if it was from your experience, where and when did it happen? If it is from a book, article or academic paper, be sure to cite the Title, Author, Page number(s) (if applicable) and provide a link if the source is online.

To quote science writer Jennifer Ouellette, "I abandon the assigned problems and standard calculus textbooks and follow my curiosity. Wherever I happen to be, I ask myself, where is the calculus of this experience?", The Calculus Diaries

- Post your example to the topic that most closely matches your example: Life Sciences, Social Sciences and Statistics, Physical Sciences.
- If your topic doesn't match one of these fields, or covers more than one field post it to the Interdisciplinary or Other Fields group.
- Please post your example to only ONE of the groups, but feel free to browse and reply to messages in other groups.
- Before posting, be sure to review our Discussion and Collaboration Policies, and the HarvardX Honor Code and Nondiscrimination Policies.

### Question 1

1/1 point (graded)

Did you post your example to the discussion forum, and include the following items in your post?

- The example you found How your example involves calculus
- The source of your example



### **Explanation**

Be sure to follow the directions for the final assessment activity.

Submit

You have used 1 of 2 attempts

**1** Answers are displayed within the problem

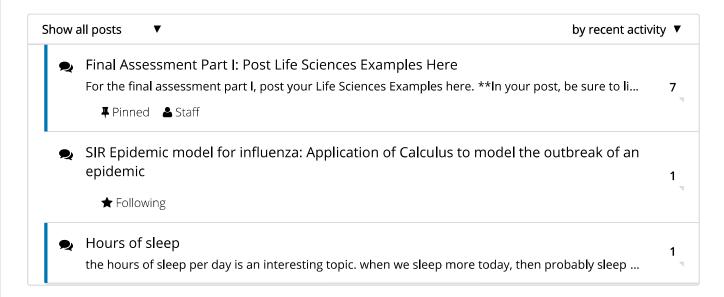
### Final Assessment Part I: Life Sciences

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**Examples** 

**Topic:** Final Assessment Part I / Final Assessment Part I: Life Sciences Examples

#### Add a Post

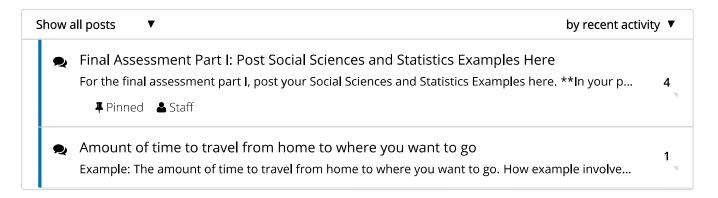


## Final Assessment Part I: Social Sciences and Statistics Examples

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Topic: Final Assessment Part I / Final Assessment Part I: Social Sciences and Statistics Examples

#### Add a Post



## Final Assessment Part I: Economics **Examples**

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**Topic:** Final Assessment Part I / Final Assessment Part I: Economics Examples

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Final Assessment Part I: Post Economics Examples Here  For the final assessment part I, post your Economics Examples here. **In your post, be sur  Pinned Staff	re to list: 4
Final Assignment - Calculus in Microeconomics  I took Intro to Calc simultaneously with Intro to Micro and I my lecturer would say that son	2 ne thing
Final Assessment Part 1 - Option Pricing Option Pricing: Calculus plays a pivotal role in Option Pricing. European Style Options are p	1 priced u

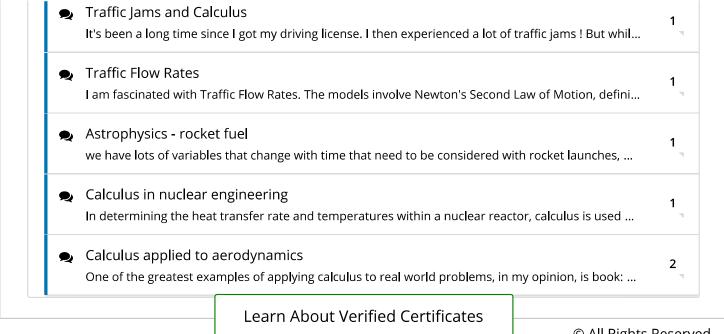
# Final Assessment Part I: Interdisciplinary/Other Fields Examples

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**Topic:** Final Assessment Part I / Final Assessment Part I: Interdisciplinary/Other Fields Examples

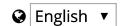
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Final Assessment Part I: Post Interdisciplinary and Other Examples Here For the final assessment part I, post your Interdisciplinary and Other Examples here. **In your pos  Pinned Staff	1
Calculus in Kepler's Orbits	1
Calculus for computing square roots	1
Faraday Effect Experiment In Faraday Effect experiment, we initially need to determine the magnetic flux density between the	1
<ul> <li>Calculus applied in ballistic vest.</li> <li>To evaluate the safety of a ballistic vest, it must first be tested according to the standard of Nation</li> </ul>	1
Launching a rocket  When you want to go to the moon there are a lot of different things you need to think about If the	1
Electrical Engineering. Determine the Exact Length of Electrical Wire Found in the book AP® Calculus AB & BC All Access, Stu Schwartz, p. 166 (Did you know? section)	1



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