

Rational Function Presentations

In these presentations our goal is to present a wide variety of applications where rational functions play a central role.

For your presentation:

A. Find an interesting, understandable application of a rational function. You can use Section 5.5 in our textbook or, better yet, any resource on the Internet.

B. Prepare a 10 minute presentation for the class to show your application. You can use handouts, a poster board, or PowerPoint as an aid. Your presentation should contain most of the following items:

1. A clear statement of the meaning of both the *independent variable* and the *dependent variable*.
2. An Equation for the Function.
3. A Graph for the Function.
4. Any *intercepts* and their significance to the underlying application.
5. Any *asymptotes* and their significance to the underlying application.
6. The source for your information.

C. Prepare a one page summary of your application, to be submitted at the time of your presentation.