

## Movie "The Proof" -- Focus Questions

As you watch the movie "The Proof," please keep notes on the following aspects that you see. After the movie, please be prepared to share your thinking with your group and the whole class.

### Focus Questions:

1. What you do learn from the movie about the **process of doing mathematics**?  
What are some actions that mathematicians take as they work on mathematical ideas?
2. What does the movie reveal to you about the role of the following in doing mathematics?
  - a. **creativity,**
  - b. **emotion,**
  - c. **collaboration, and building on the ideas of others, and**
  - d. **mistakes and errors?**
3. With regard to these four dimensions, how does this depiction compare to the **typical views that society may hold about mathematicians**, and the work of doing mathematics?