Blown to Bits Chapter 5 Questions

This chapter describes encryption and cryptography.

# Reading Questions:

Keep these questions in mind as you read [chapter 5](http://www.google.com/url?q=http%3A%2F%2Fwww.bitsbook.com%2Fwp-content%2Fuploads%2F2008%2F12%2FB2B_3.pdf&sa=D&sntz=1&usg=AFQjCNFTtpTKxvdB8j0hqP0ObkX57teQuQ). For each question, write a short answer. Don't worry if you think you don't know the right answer. Just give it your best shot. Create a page called *Blown to Bits Chapter 5* under the *Homework* category on your ***Portfolio*** and post your answers to these questions on that page. You can revise your answers after we discuss this reading in class.

***Questions for pages 161-187***

***Short answer:***

1. What is *encryption?*
2. What is *cryptography?* Provide an example.
3. What is *security through obscurity* and why is it bad?
4. What is the *key agreement protocol* and why is it so important to Internet commerce?
5. What is a *certificate* and what role does it play in Internet security?

***Free Response*:**

1. In your opinion, are digital signatures more secure than handwritten signatures? Explain.

***Bonus Questions (may require additional reading)***

1. Create your own encryption and decryption. Be prepared to share your creation with classmates.