



6. You are given that the #2 hold on B Deck is 12 feet tall. If you are loading paper with a stowage factor of 14, how high can you load the #2 hold if it has a limit of 528 lbs per ft<sup>2</sup>?
  
7. Your textbook publisher wants to ship new books to various universities in Asia. Each case of books weighs 400 lbs and has dimensions of 2.5' x 2' x 2'. With a stowage factor of 56 and broken stowage percentage of 10%, how many long tons can they fit into a 60,000 ft<sup>3</sup> area?
  
8. In the last question, how many cases of textbooks can they fit in that space?
  
9. After inspecting the #6 hold on C Deck, you realize the published space of 10,000 ft<sup>3</sup> is not realistic. You measure the area and identify 8,900 ft<sup>3</sup> of actual stowage capacity. What is the broken stowage percentage for this hold?
  
10. A company offers to ship 500 long tons with your carrier. The cargo has a stowage factor of 50 and you estimate that it will have a broken stowage percentage of 25%. How much volume will you need to stow the cargo?