Virtual Masonry Laboratory

Lab 4 Worksheet:

1. Why is there a difference in compressive strengths for a brick unit and a brick prism?

2. Draw a free body diagram to illustrate the concept of question 1.

3. Using the sample results, find:
    a) The average failure stress for unit and prism.
    b) The coefficient of variation for each.

4. Which value would you use for design and why?