

## Budget Estimation and Room Size

**Goal:** Brainstorm designs that meet specifications and stay within budget limits.

**Total Room Budget:** \$27,500 includes Construction, Furniture, and Accessories.

**Suggested Guidelines:** Try to Spend 75% of Total Budget on Construction and 25% on Furniture and Accessories.

1. Which estimate is closest to spending 75% of the \$27,500.00 budget on construction?  
a. \$3000.00    b. \$13,000    c. \$20,000    d. \$25,000

2. If your total construction cost budget was \$19,500 and you divided it by the cost per square foot (\$150) how many square feet would you have to work with in your design?  
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3. What are some factor pairs you could use as dimensions for length and width to get close to the above square footage you calculate? List 3, Show Math

Homework. Sketch out a design that uses the information above for length and width. Add furniture and window locations. Bring to computer lab as we start our Google Sketchup Models.