

Sam Math

Directions: Using the information on the Sam Houston Statue Website (<http://www.samhoustonstatue.org/Big-Sam.htm>), answer the following questions and show your work for each problem.

1. According to the article, what is the difference in time from the proposed statue completion to the actual dedication? How old is the statue today? Set up your problem and show your work.
2. How long did it take Adickes to complete "Big Sam"? Set up your problem and show your work.
3. "Big Sam" is standing on a granite base, measured in feet. How many inches high is the base? Set up your problem and show your work.
4. "Big Sam" is visible from the south on Interstate 45 for 6.5 miles. How many feet is that? Set up your problem and show your work.
5. What is "Big Sam's " height in feet? How tall is he in yards?

Part 2: From the above site, click on the "photo" selection at the bottom of the screen. Using that page, answer the following questions.

6. What does the term 3 dimensional mean? You may use a dictionary if needed.
7. What is the difference between the graph and the real life statue in terms of size?
8. Describe how the x and y grid is used for this model.
9. How many layers of material was put on the wire mesh?
10. In the "Putting It all Together" section, what is the area of the base? What is the number of new, unsharpened pencils it would take to go around the base area?