

Gingerbread "Mansion" Rubric



Name: _____

Partners: _____ Grade you feel your partners deserve (based on participation and staying on task):

A, B, C, D, F
A, B, C, D, F
A, B, C, D, F
A, B, C, D, F

Scale: 1 cm = 2 ft.

Possible: _____ Score: _____

1. Calculate the perimeter of your gingerbread mansion in centimeters.

***Remember: Perimeter is the distance AROUND an entire polygon.

Write that number here: _____ cm 10 points

2. Using the scale, calculate the perimeter in feet.

Write scaled perimeter here: _____ ft 10 points

3. Calculate the area of your gingerbread mansion in square centimeters.

***Remember: Area = Length x Width Length: _____ cm Width: _____ cm 10 points

If you have an irregular polygon as the floor of your mansion, you will need to calculate the area of each of the different sections and add them together.

Write the area here: _____ sq. cm (cm²) 10 points

4. Using the scale, calculate the area in square feet.

***Remember: You must change the length and width to feet, BEFORE you multiply to calculate

the new area. Length: _____ ft Width: _____ ft 10 points

Write the scaled area here: _____ sq. ft (ft²) 10 points

5. Cover the roof of your gingerbread to create an array of small round candies.

***Remember: An array is even rows and columns to model a multiplication problem.

Write the area of EACH section of roof here (you should have more than one section):

_____ sq. candies _____ sq. candies _____ sq. candies 10 points
_____ sq. candies _____ sq. candies _____ sq. candies
_____ sq. candies _____ sq. candies _____ sq. candies

Write the TOTAL COMBINED AREA of all sections of roof here (add them): _____ sq. candies 10 points

6. Is your gingerbread mansion in good condition (still standing)?

10 points

7. Does your gingerbread mansion LOOK appealing?

10 points



Total Score: _____

