

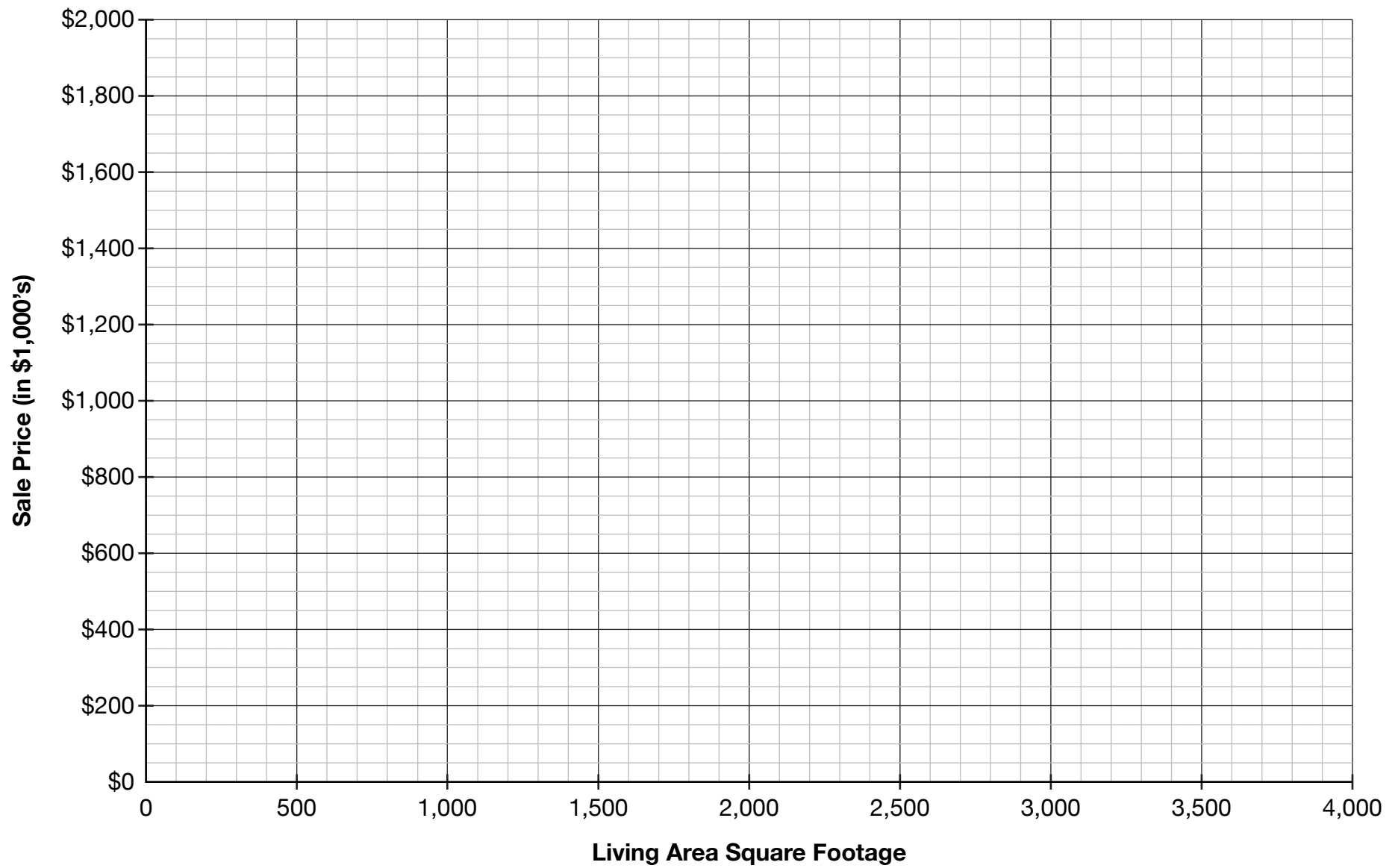


HOME, SWEET HOME

Valuation: Community #1

Use the data provided online for Community #1 to answer the following questions.

1. Plot the Living Area Square Footage and Sale Price for the selected community on the coordinate plane on page 2.
2. Draw the line of best fit.
3. Use the formula for slope to determine the slope (m) of the line to the hundredths place. Select two points that are close to or on your best fit line to calculate the slope.
4. Using the same two points, determine the y -intercept (b) of the line to the nearest integer.
5. Use the slope and y -intercept to write a formula representing the relationship between property living square footage and sales price in slope-intercept format, $y = mx + b$. Define the variables you use in your formula. This is your valuation formula based on sale price.
6. Based on the community overview, what other assessment criteria increases the value of a residential property?



7. How does a pool increase tax valuation? Describe it in words.

8. Use the equation and logic explained above to determine the valuation for the following properties.

Property R	
Living Area, square feet	1196
Total Area, square feet	2165
Bedrooms	2
Baths	1
Total Rooms	8
Fireplace	1
Deck/Balcony	No
Porch	Yes
Central AC	No
Garage	Yes
Pool , square feet	0
Land, acres	0.2

Valuation: _____

Property S	
Living Area, square feet	4461
Total Area, square feet	8452
Bedrooms	4
Baths	3.5
Total Rooms	10
Fireplace	3
Deck/Balcony	Yes
Porch	Yes
Central AC	Yes
Garage	Yes
Pool , square feet	800
Land, acres	0.2

Valuation: _____