



Name: _____

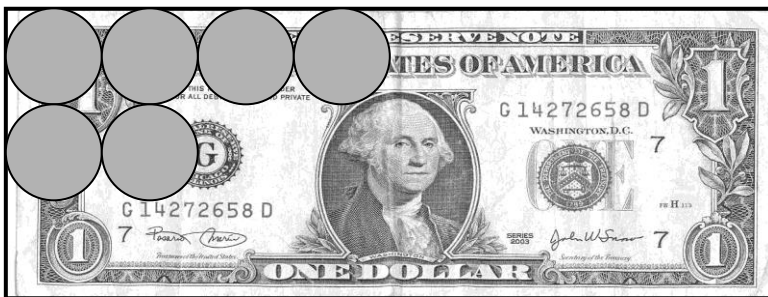
Date: _____

Score: _____

Nicole's Dollar

Read all parts of the open-response question before you begin. Write your answers to the open-response question on the answer page. For each open-response question, use the grid provided to create any required charts or graphs. If a question does not require a chart or graph, write your written response over the grid lines.

Nicole is using chips to measure the area and perimeter of a dollar bill.



- a) How many whole chips will fit on the dollar bill? Explain your reasoning.
- b) If the diameter of each chip is 2 cm, what is the perimeter of the dollar bill? Explain your reasoning.
- c) If the diameter of each chip is 2 cm, what is the approximate area of the dollar bill? Explain your reasoning.

BE SURE TO LABEL YOUR RESPONSES (a), (b), and (c).

