

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Pd \_\_\_\_\_

### Functions Lesson 1 Mini Quiz

**In Context & Symbolic:**

You are going to a community fair. It costs \$5 to get into the fair and \$2 for every game you play. The function  $C(g) = 2g + 5$  represents the cost of the fair,  $C$ , based on the number of games,  $g$ , that you play (including the admission fee).

1. Find the value of  $C(10)$  and write it's meaning in context.

Table (refer to table to the right):

2. Find the value of  $C(3)$
  
3. Determine  $g$ , when  $C(g) = 15$

$g$	$C(g)$
1	7
2	9
3	11
4	13
5	15

Graph: (refer to graph to the right):

4. What is the value of  $C(9)$ ? Draw a point on the graph to indicate where  $C(9)$  is.
  
5. For what value of  $g$ , will  $C(g) = 19$ ? Draw a point on the graph.

