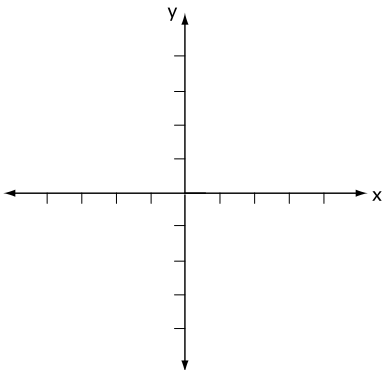
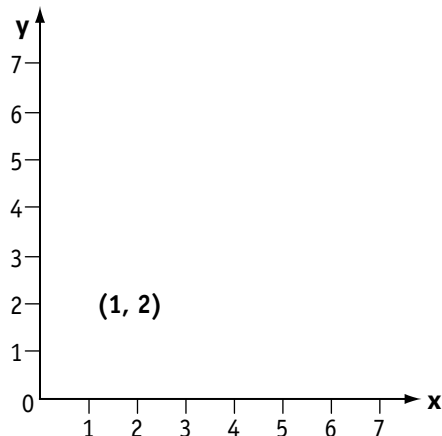


Often students do not know which number in the ordered pair to move along the x-axis (horizontal) or the y-axis (vertical). In this activity, asking them to move over and up is a nice way to describe what to do.

It is also important to know that the coordinate plane is divided into 4 quadrants. All of the points plotted in this activity have been in quadrant 1, because no numbers less than zero appear in the table.



- Now make a graphic display of your pattern. Use the grid paper on page 124 to plot the ordered pairs. The first number tells you how many to go over along the x-axis, and the second number tells you how far to go along the y-axis.



- Talk with your partner or family members about the information on the graph.
- What's the relationship between the amount of butter and the number of chocolate chip cookies?
- What do you think are the benefits of using a table? A graph? An equation?

Here's More. . .

- Hate to bake? The Sweet On You Bakery sells oatmeal raisin cookies at 3 for \$1.00. Create a table that shows the cost for 3, 6, 9, 12, 15, and 18 cookies. Write the ordered pairs, and plot them on the graph paper. What does your graph look like? How does it compare to your chocolate chip cookie graph?