Name: _____   Date: _____

Patterns in Tables

Goal   Create tables to display, predict, and extend patterns.

Apple crisp is a great recipe to make for many different sized groups. The recipe in the chart is complete for one class and partially complete for two classes.

Apple Crisp Recipe

Number of classes	Number of apples	Amount of butter (mL)	Amount of brown sugar (mL)
1	24	150	200
2	48	300	
3	72		
4			
5			

At-Home Help

A **table** usually has three or more columns of data. Each column has its own heading and is related to the other columns.

For example:

Number of times I make the recipe	Number of cups of water	Number of scoops of crystals	Number of people served
1	5	3	4
2			

1. Complete the recipe for all of the classes in the chart.

2. What pattern rule did you use to complete the table?

_____

3. If you bought 200 apples, what is the greatest number of classes that could have apple crisp? Explain your thinking using numbers.

_____

_____

_____

_____

4. a) If one and one half classes wanted apple crisp, explain how you would calculate the amount of each ingredient.

_____

   b) Calculate the amounts. Show your work.