$\qquad$ Date $\qquad$

## Kathy's Cupcakes

Kathy is opening up a cupcake shop and needs to buy a few things. She has a budget of $\$ 575$ to make her purchases.

## Part 1

Directions: Use the following table for Part 1. Solve each problem, showing all of your work. Estimate to check your answers.

## Shopping List

| Items needed | Cost (in dollars) |
| :--- | :---: |
| Mixing bowls | 65 |
| Mixer | 225 |
| Measuring cups and spoons | 24 |
| Scrapers and spatulas | 27 |
| Muffin pans | 136 |
| Baking cups | 40 |
| Decorating supplies | 62 |
| Cupcake boxes | 56 |
| Ingredients | 220 |

1. Kathy wants to buy a mixer, muffin pans, baking cups, and the ingredients. Will she stay within her budget if she buys these items? Explain.
2. She decides to buy the mixer first. How much will she have left?

## Part 2

After buying the mixer, Kathy wants to spend the rest on ingredients and other items.

Directions: Use the table Shopping List for Part 2. Solve each problem, showing all of your work. Estimate to check your answers.

1. How much does Kathy have left after buying the ingredients?
2. Create a list of the other items she can buy. Write an equation to show how much she will have left after each purchase.
