

# MathFLIX CHALLENGE

## *Solving Postage Stamp Riddles*

Cut out the paper “stamps” numbered from 1¢ to 10¢ on the next page.  
How many of each stamp do you use to solve each riddle?

### **Diane’s Riddle**

1. I have 11 stamps worth 39¢.
2. I have 4¢ stamps and 3¢ stamps.

### **Diane’s Solution**

\_\_\_ 4¢ stamps

\_\_\_ 3¢ stamps

### **Beth’s Riddle**

1. I have 9 stamps worth 78¢.
2. I have 8¢ stamps and 9¢ stamps.
3. There are more 9¢ stamps.

### **Beth’s Solution**

\_\_\_ 8¢ stamps

\_\_\_ 9¢ stamps

### **Krista’s Riddle**

1. I have 15 stamps.
2. I have 5¢ stamps and 2¢ stamps.
3. They are worth 48¢ in all.

### **Krista’s Solution**

\_\_\_ 5¢ stamps

\_\_\_ 2¢ stamps

### **Mary’s Riddle**

1. I have 13 stamps worth 85¢.
2. I have 6¢ stamps and 7¢ stamps.

### **Mary’s Solution**

\_\_\_ 6¢ stamps

\_\_\_ 7¢ stamps

## **Writing Postage Stamp Riddles**

Follow these instructions to write your own postage stamp riddle.

1. On the top of a sheet of paper, write a title and your name.
2. Choose two kinds of stamps. (for example, 5¢ and 2¢ stamps)
3. Use up to \_\_\_\_\_ stamps worth up to \_\_\_\_\_.
4. Be sure to include the number of stamps you have, the worth of the stamps altogether, and the kinds of stamps you are using.
5. At the bottom of the paper, draw the stamps or show the answer using words and numbers.
6. Fold the bottom of your paper to cover up the answer.
7. Ask another student to solve your riddle. Edit your riddle if necessary.