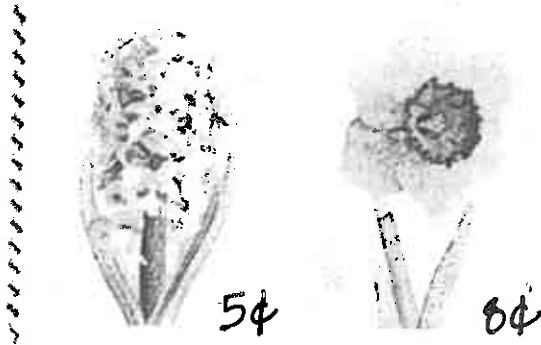


# POW #17

## STAMP IT

In how many different ways can five cent and eight cent stamps be used to make \$2.43?



In Process, show the different combinations of stamps that make \$2.43.

In Solution, tell how many ways you found.

**Hint:** Look for patterns.

### POW GUIDELINES

Number and label the 4 parts of your write-up.

**1. Complete heading**

**2. Problem Statement.**

In your own words, tell what you are asked to do—include the essential details and the question.

**3. Process.**

Show all your work. Refer to the problem to give reasons for each step. Write enough (several paragraphs) to show that you really tried to solve the problem.

**4. Solution.**

Write your answer in a sentence which refers to the problem. Explain why your answer makes sense. Show a check if you can.

**5. Evaluation.**

Write complete sentences to answer these questions:

- How do you feel about this POW? Why?
- Did anyone help you?
- Does this remind you of any other problem?
- Tell one thing you learned.
- What rubric score should you get? Why?

**EXTENSIONS.** (Extensions are optional) If the POW is easy for you, try the extensions. Write a paragraph for each—the extensions do not require 4-part write-ups.

**FIRST EXTENSION:** In how many different ways can five cent and eight cent stamps be used to make \$4.86? What are the different combinations?

**SECOND EXTENSION:** Make up a stamp problem.