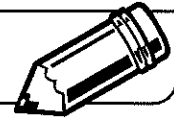


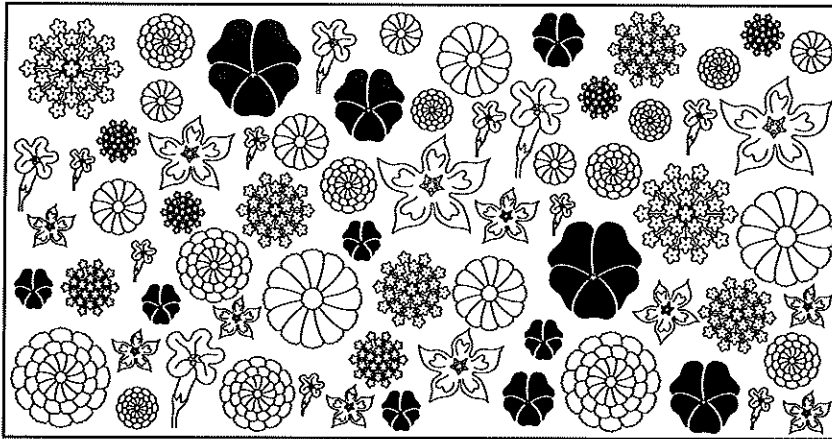
LESSON
2•1**Estimation Strategies**

1. Rosie wants to estimate the number of flowers in this picture. Her estimation strategy has 3 steps. Find the 3 steps in the list of strategies below.

Write 1 next to the step that you think should be done 1st.

Write 2 next to the step that you think should be done 2nd.

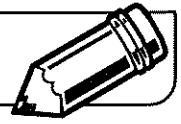
Write 3 next to the step that you think should be done 3rd.



- _____ Count every flower.
- _____ Count the number of flowers in one section.
- _____ Make a guess.
- _____ Multiply this number by 4.
- _____ Ask someone how many flowers are in the picture.
- _____ Draw lines to divide the picture into four equal sections.

2. Could you use Rosie's strategy to estimate only the number of all-black flowers in the picture? _____

3. Explain why or why not.

LESSON
2·1**Estimating**

Work with a partner. Use a sample page from the residential section of a telephone book to estimate the total number of names listed on 10 pages of the telephone book. Develop an estimation strategy by answering the following questions.

1. How might dividing the page into equal portions be useful?

2. What information could you get from the sample page that would let you know how many names are on 10 pages without counting them all?

Record your estimate.

3. About _____ names are on
1 page of the telephone book.

4. About _____ names are on
10 pages of the telephone book.



Work with a partner. Use your sample page from the residential section of a telephone book to estimate the total number of names listed on 10 pages of the telephone book. Develop an estimation strategy by answering the following questions.

1. How might dividing the sample page into four equal sections be useful?

2. What information could you get from the sample page that would let you know how many names are on 10 pages without counting them all?

Record your estimate.

3. About _____ names are on
1 page of the telephone book.

4. About _____ names are on
10 pages of the telephone book.