

NAME \_\_\_\_\_

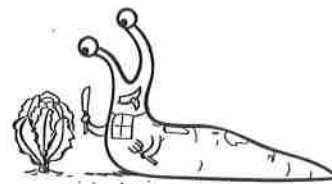
DATE \_\_\_\_\_



## The Slug's Lettuce Garden page 1 of 2

Look at the numbers in each problem before you begin to solve it. Think about which strategy would be the most efficient. Then solve the problem and show your work using numbers, labeled sketches, or words.

- 1** Last spring the Slug family decided to plant a lettuce garden. They marked off an area of 25 by 56 centimeters for their garden, and then they went to the Slug Garden Center and got 1,200 tiny lettuce plants. If each lettuce plant needs exactly 1 square centimeter of growing space, will they have enough room for all 1,200 plants?



- 2** The Slug family also wanted to plant tiny carrots. They marked off an area that was 26 by 32 centimeters for a carrot garden. Tiny carrots also need 1 square centimeter of growing space. How many tiny carrots can they plant in their tiny carrot garden?

- 3** Solve each problem using a strategy or combination of strategies that makes your work as easy as possible. Show all your work.

**a**

$$\begin{array}{r} 39 \\ \times 22 \\ \hline \end{array}$$

**b**

$$\begin{array}{r} 642 \\ \times 5 \\ \hline \end{array}$$

**c**

$$\begin{array}{r} 55 \\ \times 18 \\ \hline \end{array}$$

(continued on next page)

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**The Slug's Lettuce Garden** page 2 of 2

**4 CHALLENGE** Write and solve a multiplication problem that looks hard but is actually easy if you use the doubling & halving strategy.

**5 CHALLENGE** Write and solve a multiplication problem that looks hard but is actually easy if you use the Five is Half of Ten strategy.