

# Can You Spot My Mistake?

## Error Analysis Activity

**Directions:** Carefully read the problem. Review the students' work and solution. Identify and describe the error that they made. Correctly solve the problem. Share a strategy to help the student correctly solve the problem in the future.

Problem	
Student Work and Solution	Identify and Explain the Error
Correct Work and Solution	Share a Strategy

# Can You Spot My Mistake?

## Error Analysis Activity—**SAMPLE**

**Directions:** Carefully read the problem. Review the students' work and solution. Identify and describe the error that they made. Correctly solve the problem. Share a strategy to help the student correctly solve the problem in the future.

### Problem

A community garden is divided into 10 equal sections. Carrots are planted in  $\frac{5}{10}$  of the garden and peas are planted in  $\frac{1}{10}$  of the garden. The rest of the garden is planted with beets and corn. Find the number of sections of carrots, peas, beets and corn that were planted.

What fraction of the garden is planted only with beets? Show your work or explain your answer using equations.

### Student Work and Solution

### Identify and Explain the Error

$\frac{2}{10}$  of the garden is planted with beets.

$$\frac{2}{10} + \frac{8}{10} = \frac{10}{10} \text{ or } 1$$

### Correct Work and Solution

### Share a Strategy

Sample extracted from NJSLA-M grade 4 released items (<https://resources.newmeridiancorp.org/released-items/>)