

Session 4 Assignment Sheet:

1. Reading Assignment:

- Extending Children's Mathematics*, Chapter 3 (pp. 65-71)
- Extending Children's Mathematics*, Chapter 4 (pp. 72-91) Take notes on what you find interesting, unique, challenging, and troublesome. Be prepared to discuss your thoughts.

2. Implementation Assignment 4:

- Pose a Multiple Groups problem (multiplication or measurement division) to your students without providing instruction on how to solve the problem. Read the problem with your students regardless of their grade level. Read "Multiple Groups Problems" pp. 65-68, and "Instructional Guidelines for Multiple Groups Problems" pp. 69-71 for recommendations and example problems.
- Classify your students' work according to the strategies on p. 62 of *Extending Children's Mathematics*.
- Bring your students' work with you to Session 5.
- Pose a couple of open number sentence to your students without providing instruction on how to solve the problem. There are good examples of open number sentences on pages 67-68. Ask select students to share how they solved the problem(s) verbally during a class discussion or by interviewing the students. Be prepared to discuss results during Session 5.