

### Session 3 Assignment Sheet:

1. Read *Extending Children's Mathematics*:

Chapter 3 (pp. 48-68)

2. Discussion Question:

Write out answer to the following question, so you are prepared to discuss your thoughts during session 4:

Which *Iowa Core Mathematics* standards might be developed with Multiple Groups problems? Explain your thinking.

3. Implementation Assignment 3:

Pose the ribbon problem, the walking problem, or both to your students without providing instruction on how to solve it. Read the problem with your students regardless of their grade level.

**Ribbon Problem:**

It takes  $\frac{3}{4}$  yard of ribbon to make a bow. How many yards of ribbon will it take to make 8 bows?

**Walking Problem:**

Sam walks 9 miles each week. He walks  $1\frac{1}{2}$  miles a day. How many days does he walk each week?

- Classify your students' work according to the strategies on p. 62 of *Extending Children's Mathematics*.
- Bring your students' work with you to Session 4. You will have time to share student work from only one problem.