

Comparing Yarn: At Home

Addition and Subtraction

From the Developing Number Concepts Series by Kathy Richardson

Goal(s):

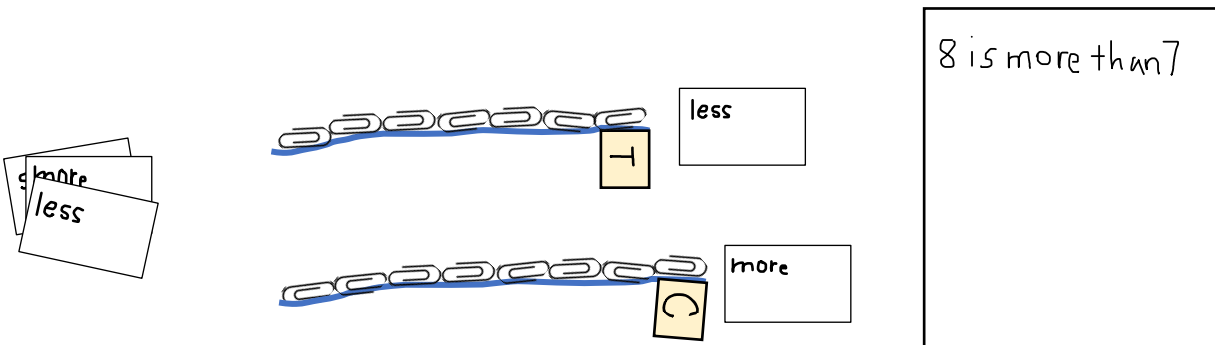
- Compare two groups and determine which is more and which is less.
- Tell how many more or less

Materials:

- Objects that are the same size such as paper clips, Legos, buttons of the same size, etc.
- Yarn Lengths (to fit 3 to 10 objects)
- Cards labeled More, Less, & Same
- Paper to record
- Yarn lengths (to fit 11-20 cubes)

Procedures:

1. The child takes two lengths of yarn, labeled with letters, and thinks about how many of the selected objects might measure the length of the yarn.
2. The child then measures both pieces with the objects, finds out how many and labels them with More/Less/Same cards, or records using the words, “*is more than*” or “*is less than*,” or records with symbols. Ask the child, “How many more does it take to measure this piece of yarn?” (or less) “How many more do you need to make this one as long as the other?”



What to watch for:

- Can the child compare two groups and tell if one group is more, less, or the same?
- Can the child tell how many more or how many less?
- Does the child tell how many more or less by knowing or does he need to figure it out?

Suggestion(s):

When the numbers to ten become easy, try longer pieces of yarn to fit up to 20 objects or use smaller objects.

Ask the child, “How many more are there on this piece of yarn?” (or less)