

Welcome back to Erikson Early Math iNNOVATIONS!

As you arrive & settle in, please:

- place your name card somewhere in our attendance rack;
- add your data to our “rekenrek use” chart;
- get a handout packet;
- find a seat according to the directions on the tables.

***How have you been using
what you have been learning?***

Content Focus

- October: *Numerosity & Number Sense*
- November: *Counting, Cardinality & Number Sense*
- January: *Number Composition*
- February: *Number Operations*
- **Today: Grouping Situations**

Strategy Focus

- October: *Turn & Talk*
- November & January: *Learners rephrase other learners' thinking*
- February: *Sharing multiple solutions or strategies without comment*
- **Today: “Teachers model students’ thinking.”**

Arranging Tables & Chairs

A Math Investigation

How many napkins are needed?

How did you figure it out?

What have we learned ...


... about grouping & multiplication?

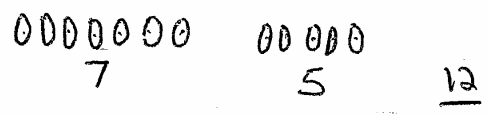
... about mathematical models?

Skip-Counting Calisthenics!

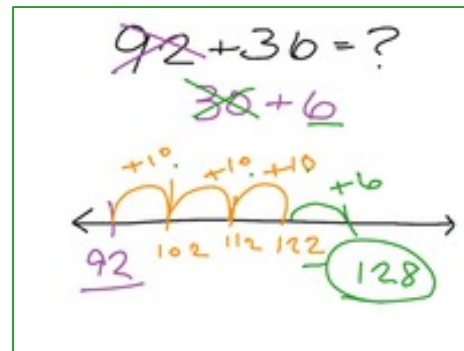
Modeling Students' Mathematical Thinking

tallies or other marks

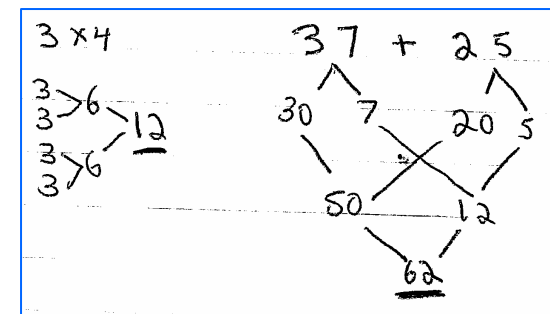
$$11 - 3 = ?$$


$$7 + 5 = ?$$


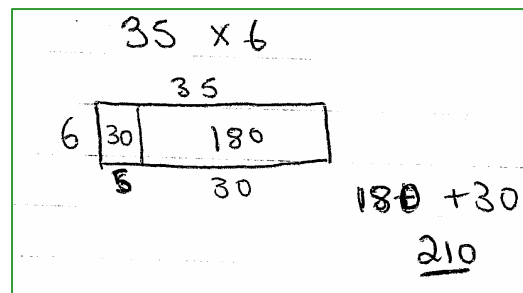
number line



number tree



rectangle or array



Using good books to help students explore number & operations

- Where's the math in the book?
 - What are the Big Ideas?
- How can you bring the math out of the book?
 - What kind of activities could you use to develop children's thinking about the math of the book?

Thanks for coming!
We will see you again soon.

- ***Learning Lab 6***
 - *Thursday, April 26th or Saturday, April 28th*
- **Spring Data Collection:**
 - April 9th through June 1st
- ***Summer Institute***
 - *Monday, June 18th through Thursday, June 21st*