

A DAY IN THE LIFE OF ONE COGNITIVELY GUIDED INSTRUCTION CLASSROOM

PRESENTED BY:

Group 7

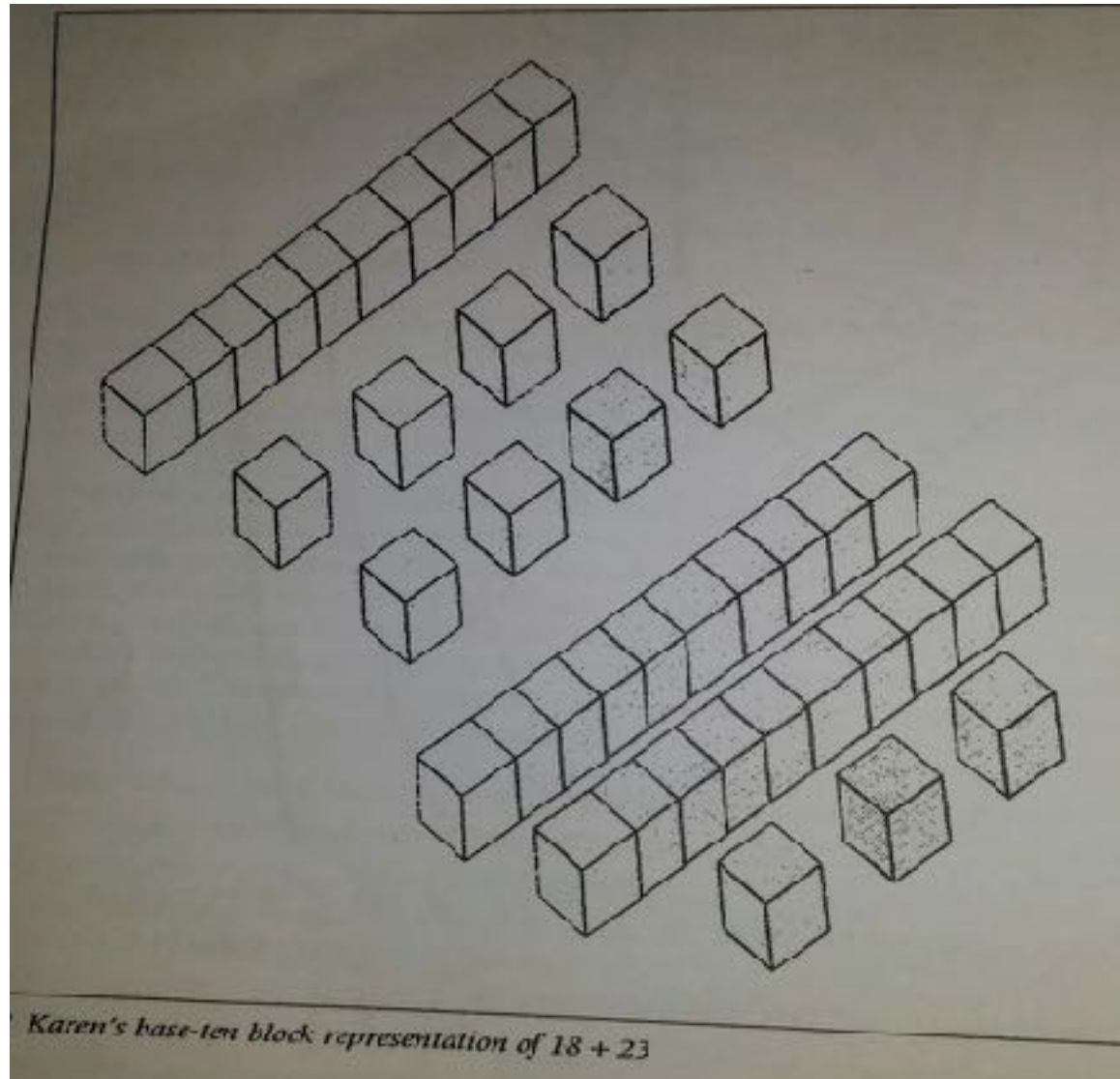
Aruna Naik, Arun Kumar,

Mukesh Varma, Charudatta

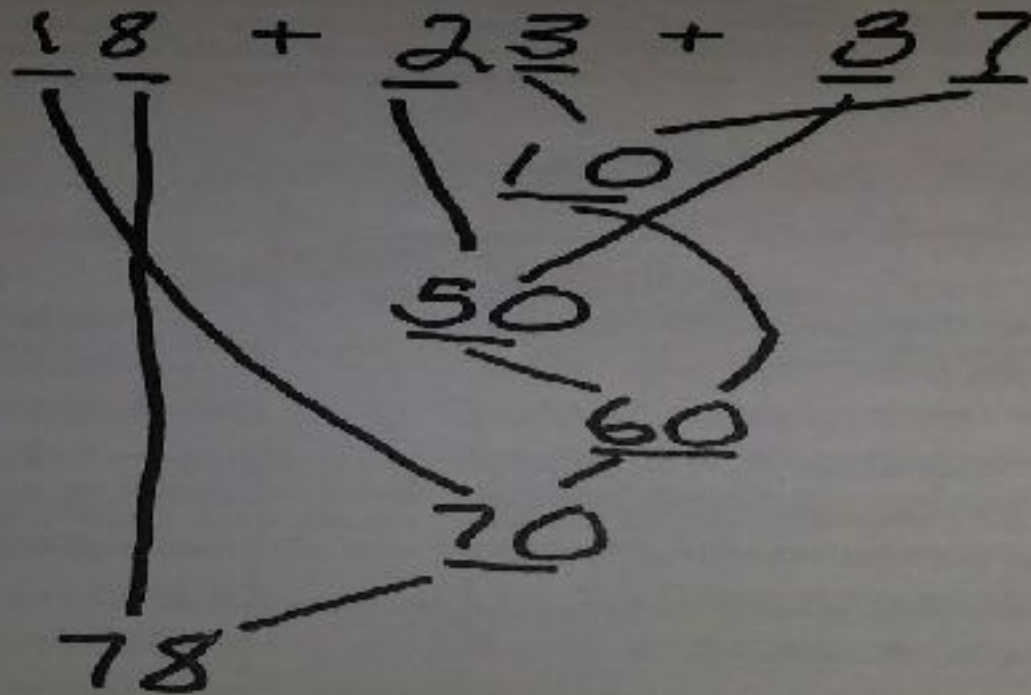
- Annie Keith teaches in elementary school in Madison, Wisconsin for last eight years. She participated in a program called cognitively guided instruction(CGI) in 1993.
- CGI focuses on teachers' knowledge, the goal is to help teachers better understand children's thinking so that they can help to build students' knowledge.

- European American 13, Hispanic 4, 2 African American and one from India is the cultural diversity.
- First graders with limited place value and second graders with basic place-value concepts.
- Ms. Keith class, which is a combination of first and second grade class 10 each from both the grades and with total 10 boys and 10 girls with family background of upper middle-class and lower income group too.

$$18 + 23 = ?$$

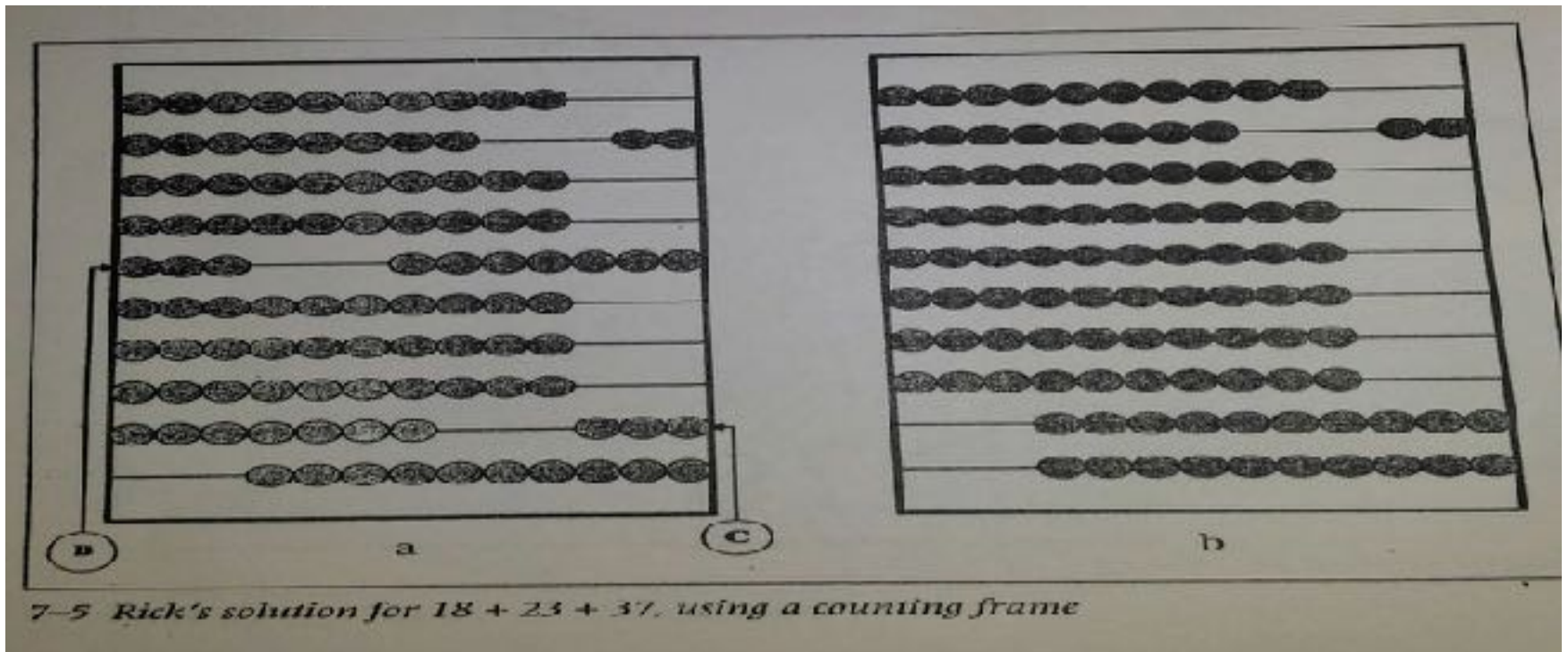


$$18 + 23 + 37 = ?$$

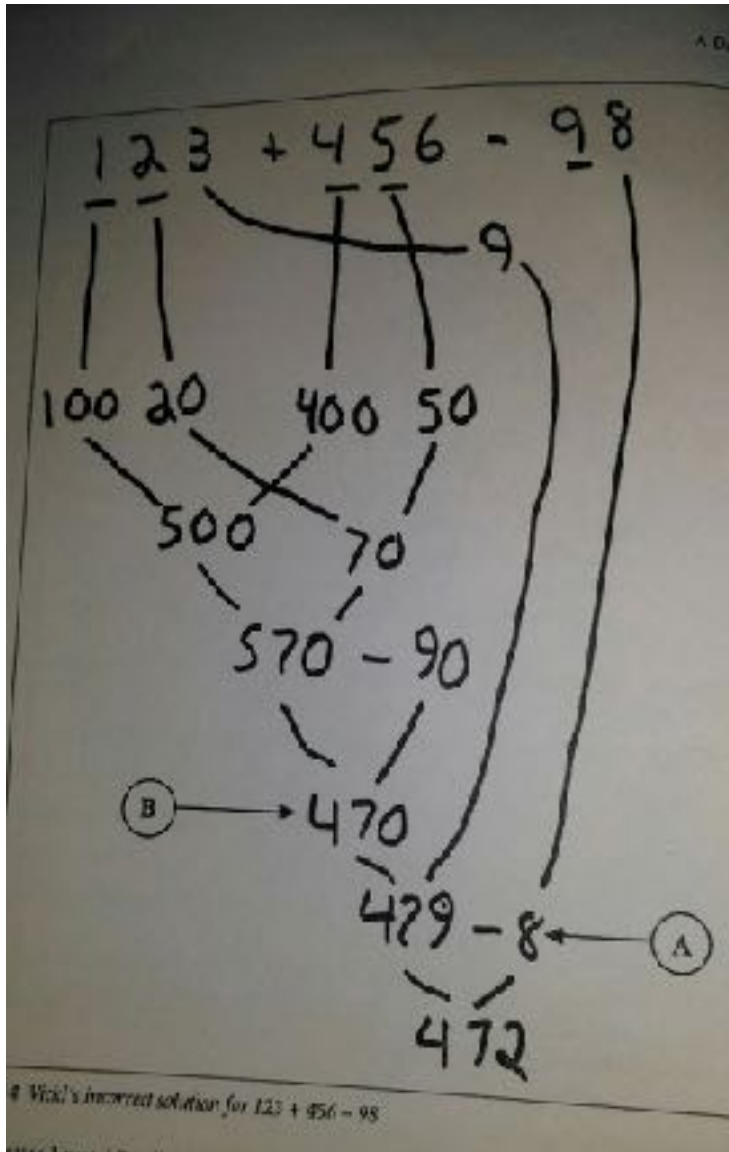


7-3 Karen's solution for $18 + 23 + 37$

$18 + 23 + 37$ using abacus

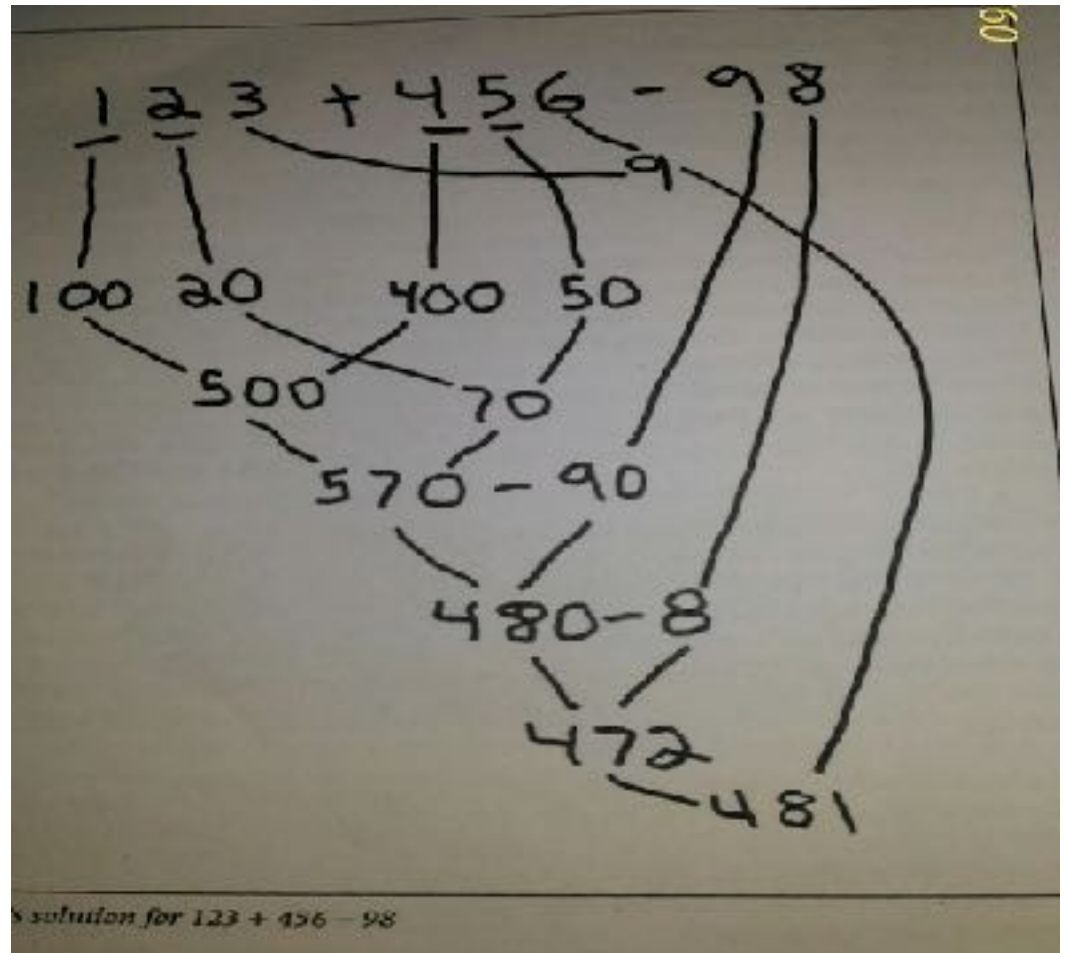


First attempt



$$123 + 456 - 98$$

Second attempt



Strategy that supports learning

- Multiple strategies from different students
- Each student gets own space to approach and finish their task.
- Opportunity to construct strategies to each student through discussion, rather than giving students readymade answers
- Different tools available in the classroom(eg. abacus, blocks etc) for supporting building strategies.
- Teachers' interaction with *all* the students in the class, and sharing of knowledge among the students.

Classroom: a place for learning with understanding both for the teacher and the student

- Ms. Keith: Is it important for me to listen?
- Students: Yes?
- Ms. Keith: Why?
- James: You're the teacher.
- Ms. Keith: So?
- Anna: You want to understand what we know.
- Ms. Keith: Is it important for me to know?
- Vicki: Because if you don't know what we already know, you'll teach us, and we already know it.
- Ms. Keith: Why else is it important for me to listen?
- Karen: Because you might learn things you don't know.
- Ms. Keith: That's right, I learn a lot from kids.

Possible Difficulties in Employing the Teaching Strategy

- Time consuming
- Needs individual attention.
- Classroom strength is smaller — having more students will be
infeasible

Thank You!