

6: Move Along



Number of Students

Individuals

Overview

In this activity, students move around a gameboard using their Rekenreks to determine what number (addend) will make a designated multiple of 10.

Standard

Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10.

Materials


For each student:

- Student 100-Bead Rekenrek
- "Move Along" Activity Sheet (page 72)
- Marker

Presenting the Activity

1. Distribute Rekenreks to students.
2. Make copies of the "Move Along" activity sheet. Distribute an activity sheet and marker to each student (or pair).

START 24 Make 50.				END 6 Make 40.
16 Make 60.				32 Make 60.
57 Make 70.				49 Make 80.
43 Make 90.				7 Make 20.
17 Make 40.				66 Make 80.
38 Make 60.	29 Make 50.	72 Make 90.	51 Make 80.	12 Make 30.



3. Say to students:

"Move Along is an addition activity, not a game. You are going to place your marker on the START space of your activity sheet.

"In the first (START) space, you see '24 Make 50.' Use your Rekenreks to make 24 first. Then figure out what you need to make 50.

"On a separate sheet of paper, write a number sentence that shows your addition.

"Then move to the next space, '16 Make 60.'

"Continue moving along the spaces until you reach the last space (END) and find the missing addend for that space."

4. Make other "Move Along" activity sheets for students to use.

⊙ Assessing Student Responses

The following questions will help you assess your students' responses to the activity:

- In observing students move beads on their Rekenreks, did they correctly show the stated number on the activity sheet? If not, what were the difficulties?
- Were students able to correctly find the missing addend that would give a sum of the stated multiple of 10? If not, what were the difficulties?
- Were students able to correctly write number sentences for each problem?

"Move Along" Activity Sheet

START 24 Make 60.				END 6 Make 40.
16 Make 60.				32 Make 60.
57 Make 70.				49 Make 80.
43 Make 90.				7 Make 20.
17 Make 40.				66 Make 80.
38 Make 60.	29 Make 50.	72 Make 90.	51 Make 80.	12 Make 30.

7: Ten More or Ten Less



i Number of Students

Entire class

◆ Overview

The teacher shows a number, and the students show on their Rekenreks either 10 more or 10 less than the number.

📄 Standard

Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols $>$, $=$, and $<$.

🔗 Materials

For each student:

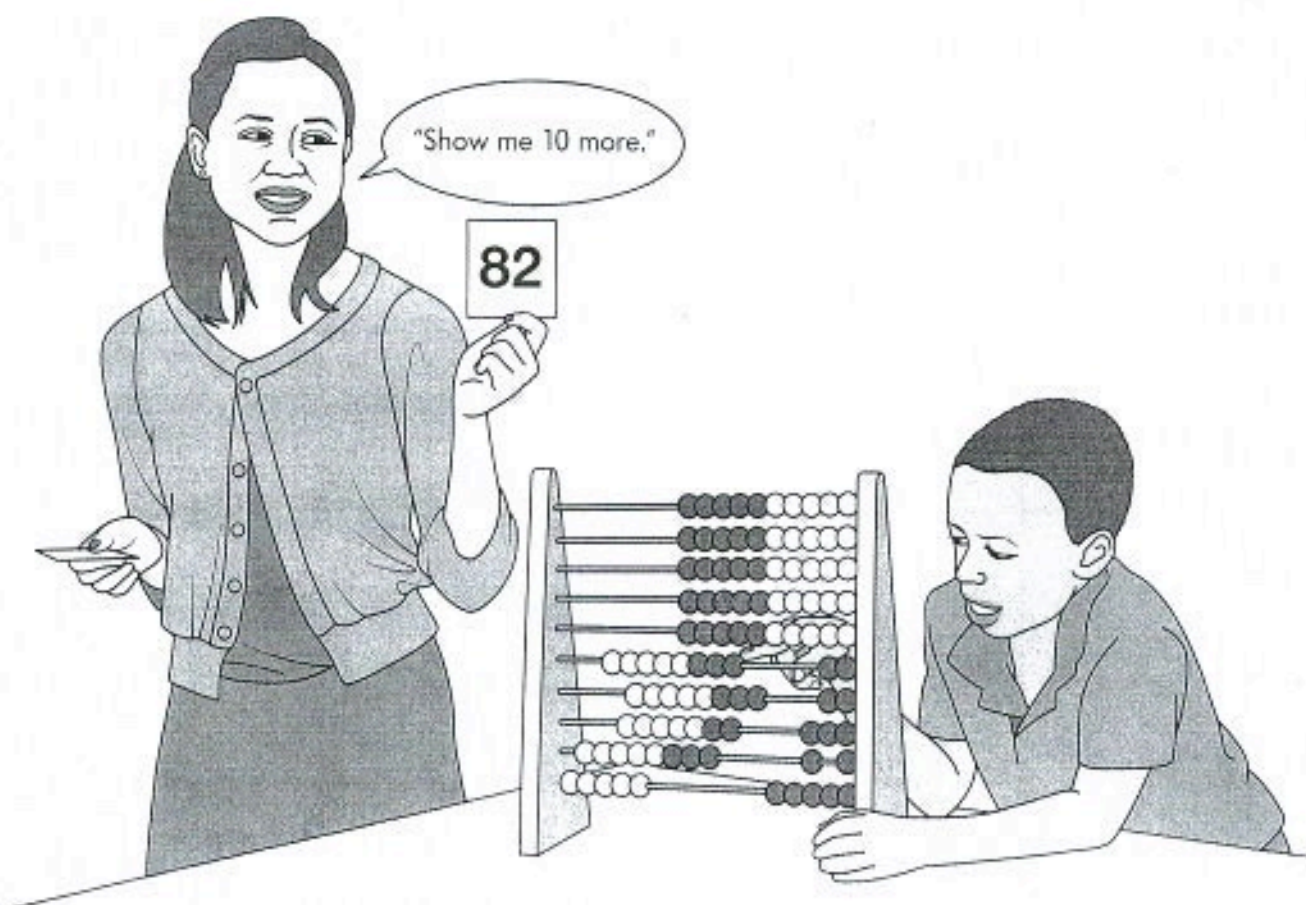
- Student 100-Bead Rekenrek

For the teacher:

- Number Cards 20–100 (pages 56–60)

👤 Presenting the Activity

1. Distribute Rekenreks to students.
2. Make a copy of the Number Cards on card stock and cut them apart to form a deck from 20 to 100.



3. Say to students:

"I'm going to show you a Number Card between 20 and 100.

"When I do, I want you to show me 10 more or 10 less than this number on your Rekenreks.

"When you finish, write a number sentence comparing the two numbers. Use the correct symbol for 'greater than' ($>$) or 'less than' ($<$). (Draw the symbols on the board.)

"For example, say I show you 46. What number is ten more than 46? (56)

"But don't say the new number out loud. Instead you will write your answer as a number sentence comparing the two numbers. What number sentence would you write for 46 and 56? ($46 < 56$ or $56 > 46$)

"When everyone has written their number sentence, I will call on one of you to say aloud what the new number is. (56)

"We will continue the same way for several different numbers.

"Be sure you move the beads to the start position before showing each number."

Assessing Student Responses

The following questions will help you assess your students' responses to the activity:

- Were students able to correctly show ten more or ten less than the number shown on the Number Card? If not, what were their difficulties?
- Were students able to correctly state the new number?
- Were students able to write a number sentence correctly comparing the two numbers?

Number Cards 1-20

1

2

3

4

5

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7

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13

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Number Cards 21-40

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Number Cards 41-60

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Number Cards 61–80

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80

