Eureka Math

Kindergarten Module 1 Lesson 34

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Materials

- Rekenrek
- (T) Large Tree drawn on the board
- (T) 10 cardboard apples
- (T) Paper bag farmer puppet
- 5-group cards (from lesson 7) (numeral side)

Icons



















Manipulatives Needed







Lesson 34

Objective: Count down from 10 to 1, and state 1 less than a given number.

Suggested Lesson Structure

- Fluency Practice (
 Application Problem (
 Concept Development (
 Student Debrief (
 Total Time (
- (12 minutes) (5 minutes) (25 minutes) (8 minutes) (50 minutes)





I can count down from 10 to 1, and state 1 less than a given number.

Green Light, Red Light (4 min)

Look at your numbers (point to the number 3 written below the green dot and the 1 below the red dot). Think! Ready? Green light!

Very good! (Erase numbers 3 and 1, and write the new numbers.) Here are the new numbers (5 and 1).

Look. Think! Ready? Green Light!





Wet Dog Counting (4 min)

Pick a number between 1 and 10. (Call on a student.)

Wet dog, counting down from _(number student chose)_. Ready?

Counting down from number chosen while: shaking right arm, then while shaking left arm, right leg, left leg



Rekenrek (4 min)

Let's whisper/talk and think/talk. When I do this (finger to lip) whisper how many beads you see, but if I do this (extended hand toward students) say how many out loud.

Application Problem (5 min)

Draw 2 plates. On your first plate, draw 8 grapes. On the next draw 1 less. Write the numbers below the plates. Now draw 2 cups. In the first cup draw 6 straws. In the next, draw 1 less. Write the numbers below the cups.







Concept Development (25 min)

We are going to have a math play. What do you notice on the board?





Listen to my story. Once upon a time, there was a farmer who had an apple orchard. It was harvest time, and the farmer picked his first apple of the season. How many apples does he have left?

There were 10 apples. One less is 9.

We have 9 apples.





Concept Development

The next day he picked another apple. How many are on the tree now?

Yes! 1 less is 8.



Concept Development

Let's do our play one more time, and this time we'll tell the story just with numbers. Say it with me.

10. One less is 9. One less is 8. 8...



What would happen if he picked the last apple?



Let's play a game. I'll put some apples on a tree. Count them silently, and think about the number that would be 1 less. Raise your hand when you know. When you hear the magic snap, tell me the number that would be 1 less.



Now we will tell the story in a different way with our problem set.



Read the story aloud all the way through before distributing materials. Read the story aloud again, pausing after each line so that students can glue their robot cards to illustrate the events of the story. After the robot cards are ordered, glue the corresponding number card above or below each robot.



Problem Set (5 min)

Story:

10 robots were playing in a circle. 1 robot's mom called. That robot had to go home. 10. One less is 9.

9 robots were playing. 1 robot's mom called. That robot had to go home. 9. One less is 8. 8 robots were playing. 1 robot's mom called. That robot had to go home. 8. One less is 7. 7 robots were playing. 1 robot's mom called. That robot had to go home. 7. One less is 6. 6 robots were playing. 1 robot's mom called. That robot had to go home. 6. One less is 5. 5 robots were playing. 1 robot's mom called. That robot had to go home. 5. One less is 4. 4 robots were playing. 1 robot's mom called. That robot had to go home. 4. One less is 3. 3 robots were playing. 1 robot's mom called. That robot had to go home. 3. One less is 3. 4 robots were playing. 1 robot's mom called. That robot had to go home. 3. One less is 3. 5 robots were playing. 1 robot's mom called. That robot had to go home. 3. One less is 3. 6 robots were playing. 1 robot's mom called. That robot had to go home. 3. One less is 3. 7 robots were playing. 1 robot's mom called. That robot had to go home. 3. One less is 1. 7 robots were playing. 1 robot's mom called. That robot had to go home. 3. One less is 1. 7 robots were playing. 1 robot's mom called. That robot had to go home. 3. One less is 1.



Problem Set (5 min)



| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|----|
| 6 | 7 | 8 | 9 | 10 |





Debrief (8 min)

- With a partner take turns telling the story again. Partner 1 says, "Ten robots were playing in a circle. One robot's mom called, and he had to go home.10. One less is 9. Then, partner 2 says, "Nine robots were playing in a circle. One robot's mom called and he had to go home. 9. One less is 8." See how far you can get with the story.
- How many robots had to go home each time? What happened to the circle when he left?
- Did you see a pattern after each robot left?