

# Rain *(cont.)*

**Focus for Math Activities:** to use weather-related materials to provide practice with more and less, addition, and subtraction; to promote cooperative social interaction through math games

## Flip and Count

**Materials:** two-inch cardboard disk, markers in blue and yellow, calendar page

**Directions:**

1. Create a weather coin by coloring one side of the disk blue for rainy days and the other side yellow for sunny days.
2. The game is played by two children at a time. One child has the blue marker, and the other child has yellow. They take turns flipping the coin. If the coin flips to the yellow side, the yellow-marker child colors the first day on the calendar with yellow. If the coin flips to the blue side next, the blue-marker child colors the next calendar block. The children continue in this manner until each day of the calendar is marked.
3. When all the calendar blocks have been colored, the players count up the number of blues and yellows and then write a weather report for this month (e.g., 20 sunny days, 10 rainy days).

## More or Less

**Materials:** felt in white and gray, marker, scissors, flannel board

**Directions:**

1. Draw and cut two white felt cloud shapes. Draw and cut several gray felt raindrops.
2. Place both clouds on the flannel board. Add a few raindrops below the cloud on the left.
3. Invite an individual child to come to the flannel board and count the raindrops. Specify more or less and have that child place a correct number of raindrops under the cloud on the right.
4. As the game continues, invite one child to place raindrops under the first cloud and another to count and place more or less (as specified) under the second.

## The Raindrop Game

**Materials:** Raindrop Numeral Cards from pages 33 and 34.

**Directions:**

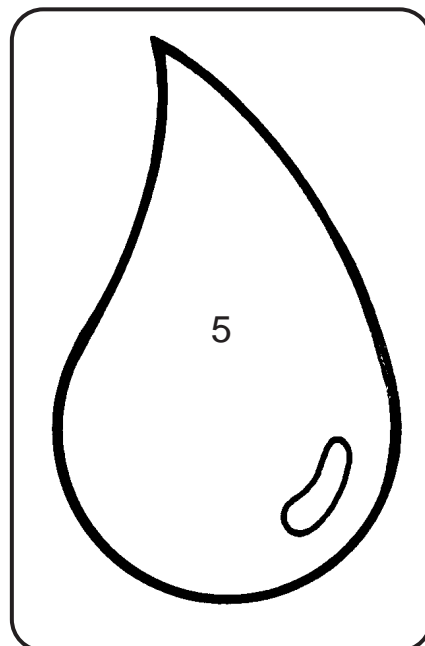
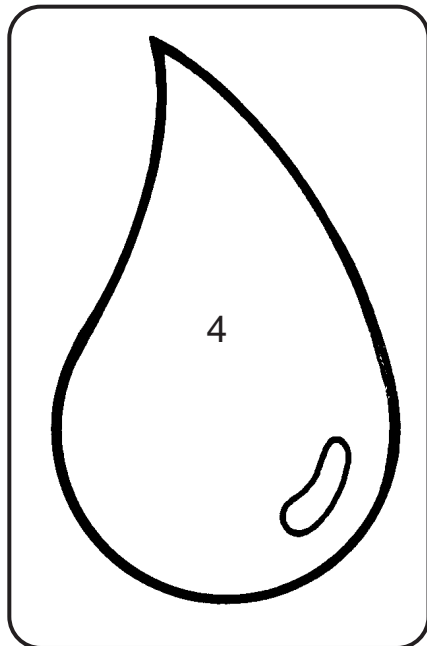
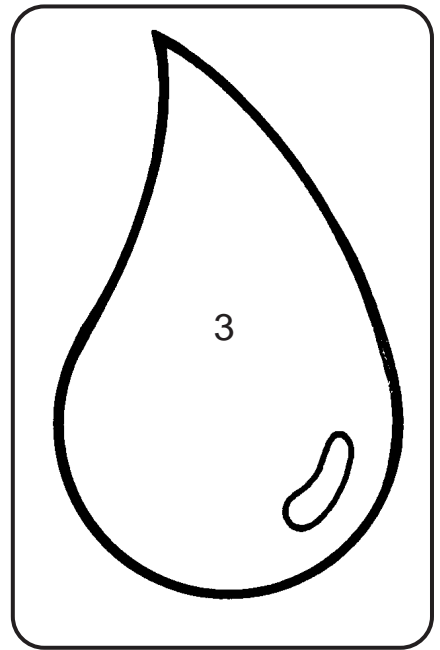
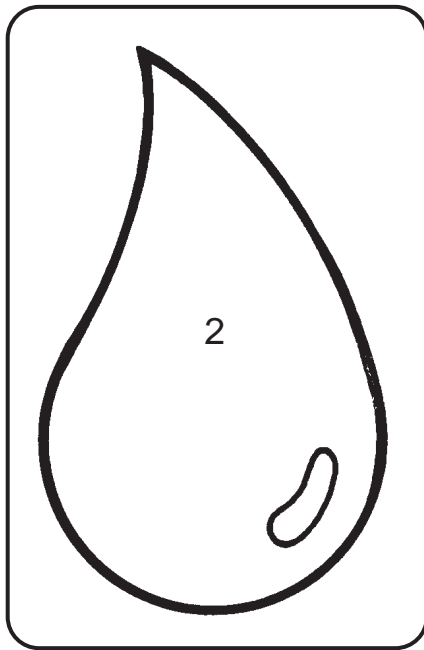
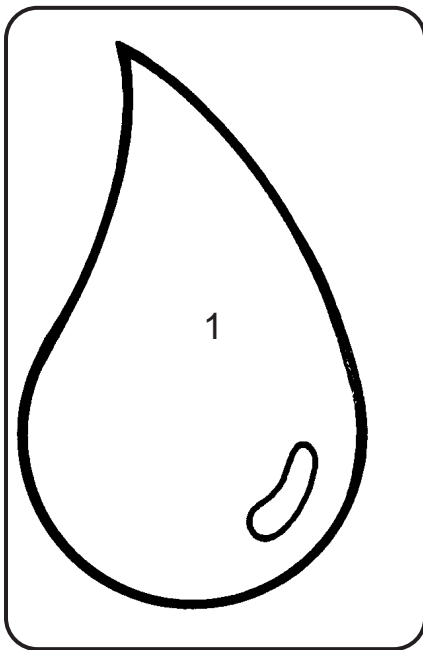
1. Reproduce, laminate, and cut out the Raindrop Numeral Cards on pages 33 and 34, making four sets of ten.
2. To play the game, shuffle all the cards together and deal four of them to each of the two to four children playing the game. The remainder of the deck is placed facedown in the center of the players. The object of the game is to obtain four cards that add up to ten. The players take turns drawing a card and discarding another until someone's cards total ten.
3. You may wish to have the students lay their cards face up on the table and help one another with counting at first.

# Rain (cont.)

## Raindrop Numeral Cards Activity Page

**Directions:**

1. Reproduce pages 33 and 34 four times. Laminate the pages.
2. Have the children help to cut out the cards.
3. Follow the rules of the Raindrop Game on page 32.

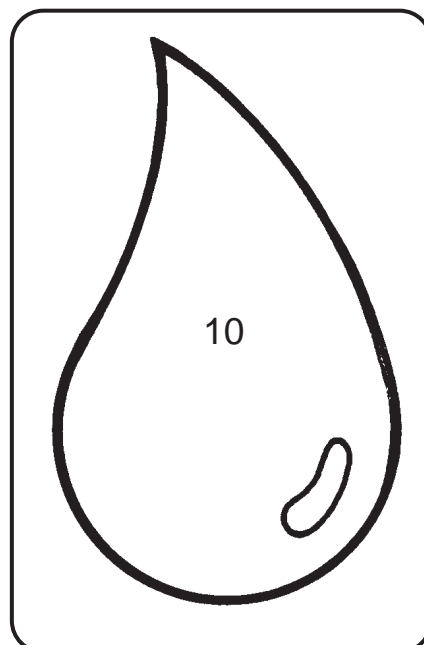
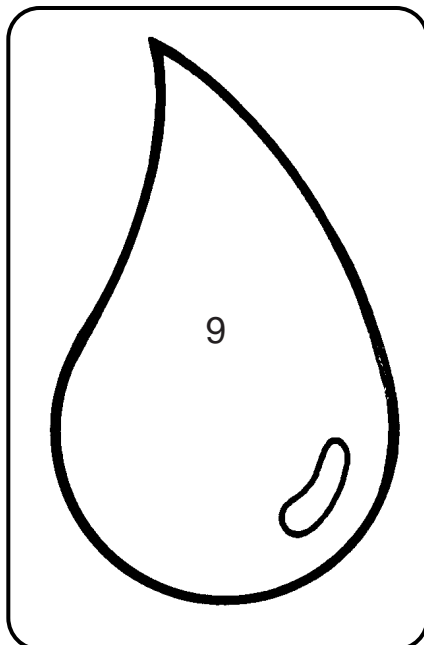
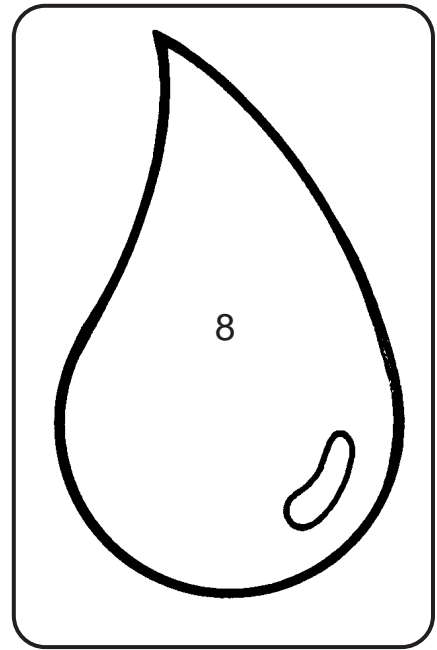
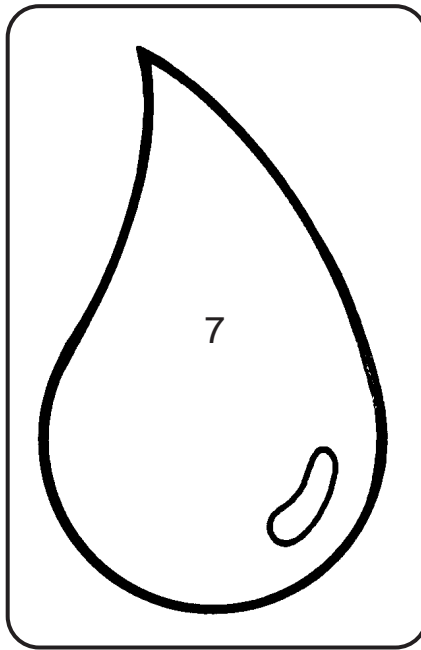
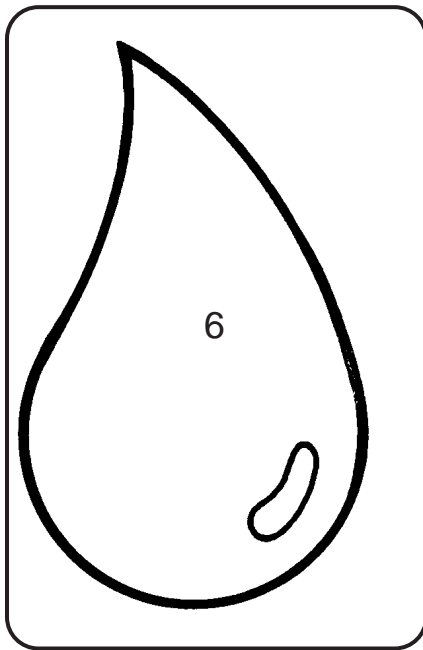


# Rain (cont.)

## Raindrop Numeral Cards Activity Page (cont.)

**Directions:**

1. Reproduce pages 33 and 34 four times. Laminate the pages.
2. Have the children help to cut out the cards.
3. Follow the rules of the Raindrop Game on page 32.



# Answer Key

## Page 13—Count and Match Activity

## Page 14—Measuring Clouds Activity

- 2 inches (5 cm)
- 4 inches (10 cm)
- 3 inches (8 cm)
- 5 inches (13 cm)

## Page 15—Cloud Facts Activity

- $3 + 2 = 5$
- $5 - 3 = 2$
- $7 + 3 = 10$
- $4 - 2 = 2$
- $6 - 4 = 2$
- $4 + 3 = 7$
- $8 - 3 = 5$
- $6 + 5 = 11$
- $6 + 4 = 10$
- $9 - 6 = 3$
- $5 + 4 = 9$
- $10 - 8 = 2$

## Page 22—Measuring Rainfall Activity

- 5 inches (13 cm)
- 4 inches (10 cm)
- 1 inch (2.54 cm)
- 2 inches (5 cm)
- 3 inches (8 cm)

## Page 36—Math Puddles Activity

- $9 + 8 = 17$
- $10 + 5 = 15$
- $7 - 2 = 5$
- $8 - 4 = 4$
- $11 - 5 = 6$
- $7 + 6 = 13$
- $5 + 8 = 13$
- $10 - 7 = 3$
- $12 - 4 = 8$
- $11 - 3 = 8$
- $9 - 2 = 7$
- $6 + 4 = 10$

## Page 48—Snowy Day Crossword Activity

### Across

1. precipitation
4. expands
6. crystals
8. hockey
9. six

### Down

2. raindrops
3. ice
5. skates
7. sled

## Page 52—Snowflake Facts Activity

- $4 + 2 = 6$
- $5 + 6 = 11$
- $10 - 8 = 2$
- $10 - 7 = 3$
- $9 + 2 = 11$
- $10 - 3 = 7$
- $7 + 3 = 10$
- $12 - 6 = 6$
- $4 + 7 = 11$

## Page 69—Windy Day Math Race Activity

$5 + 3 = 8$

$9 + 2 = 11$

$6 + 4 = 10$

$10 + 4 = 14$

$6 + 4 = 10$

$7 + 5 = 12$

$9 + 8 = 17$

$11 + 2 = 13$

$7 + 4 = 11$

$9 + 4 = 13$

$3 + 8 = 11$

$3 + 4 = 7$

$5 + 2 = 7$

$9 + 9 = 18$

$11 + 2 = 13$

$7 + 3 = 10$

$6 + 5 = 11$

$8 + 7 = 15$

## Page 78—Weather Word Search

