



## The Leaves Are Falling Game Simple Addition and Subtraction

### Domain:

- Math

### Objectives:

- Child will add whole numbers using up to 10 objects.
- Child will subtract backwards using up to 10 objects.
- Count 30 or more objects using one to one correspondence.
- Child will use numbers to identify quantities of 0-30.

### Materials:

- addition/subtraction cube
- *Fall Addition/Subtraction Tree*
- M&M candies or *Small Leaf Markers*

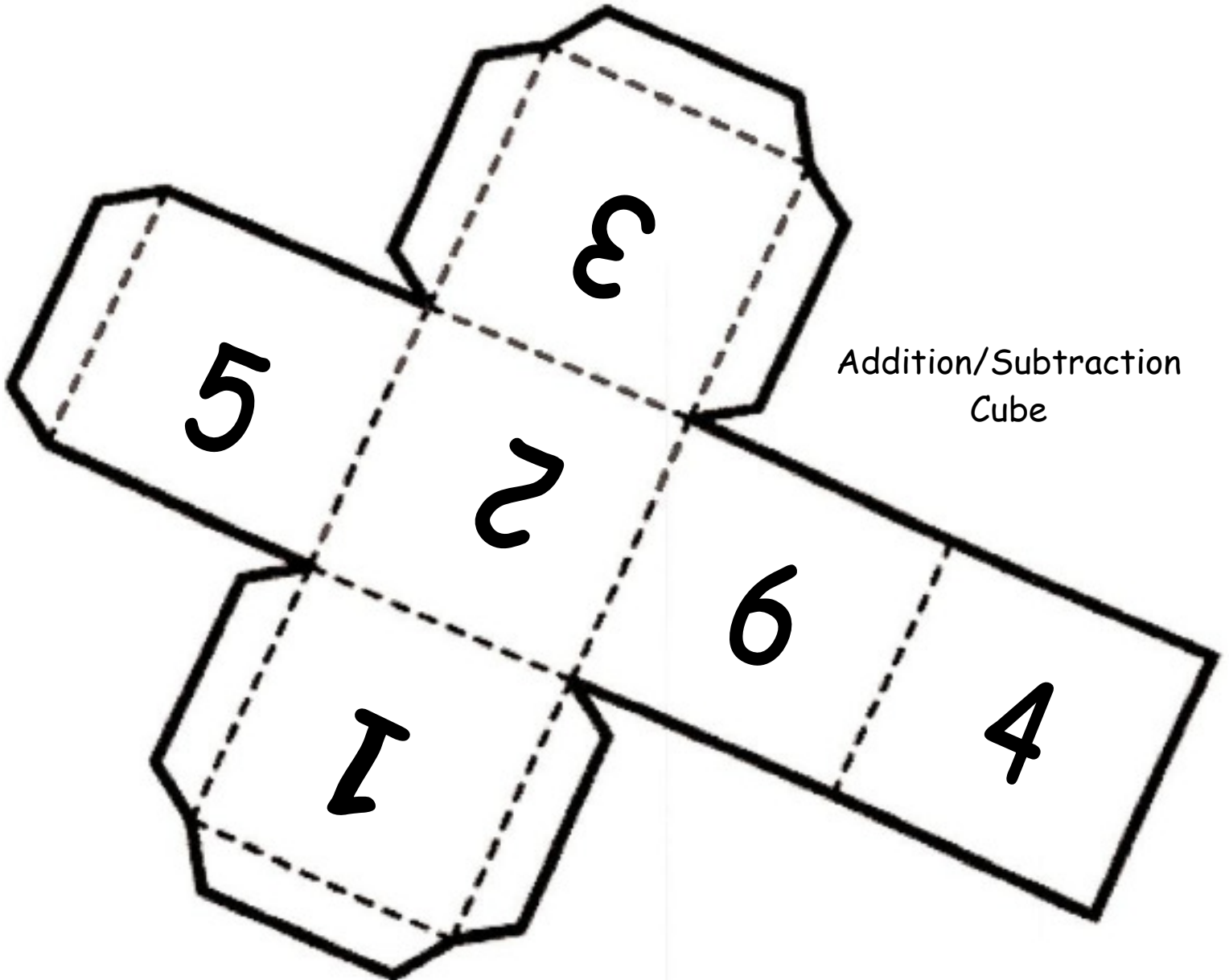
### Instructions:

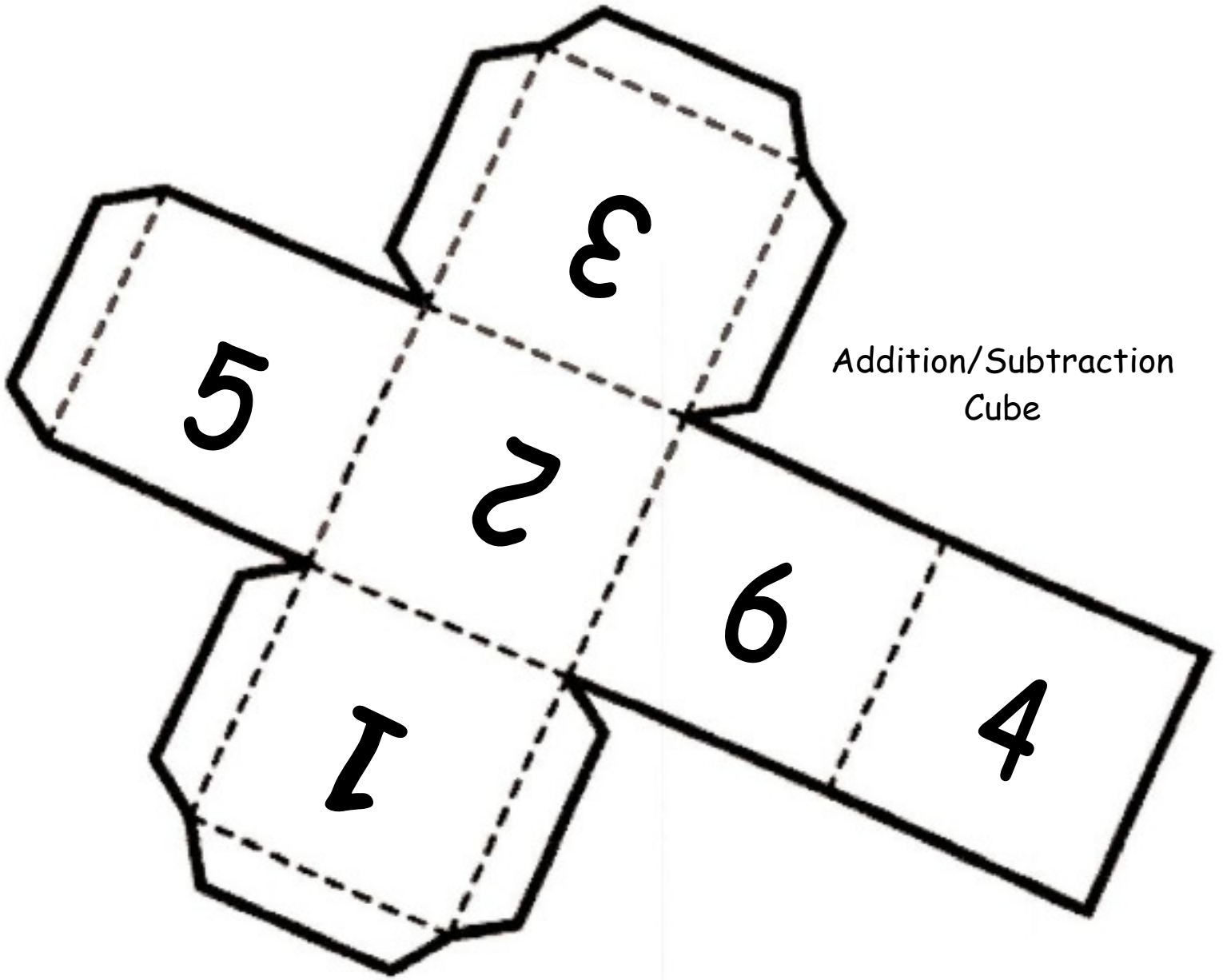
- Cut out and prepare the addition cube (p. 226).
- Copy enough trees for each child playing.
- Laminate for durability.
- Count out 10 candies by for each child, or cut out 10 *Small Leaf Markers* for each child (p.228).
- Explain to the children that each time they roll the cube, they will identify the number and place that many markers (M&Ms or Small Leaf Markers) on each leaf. Each time they roll the cube, they will identify the number, and add the number counting the total. The first one to fill up their tree wins. Continue playing until each child has had a chance to win.
- The same activity can be done using subtraction. When working on subtracting numbers, start with the markers on the tree (One for each leaf spot). Repeat the same steps as the addition, but subtract the markers (M&M's or Small Leaf Markers) off the tree. The first one with an empty tree wins
- Continue playing until each child has a chance to win.

### Suggestions:

- A simple dice may also be used.
- Teacher can replace M&Ms or Small Leaf Markers with Q-tips with fall colored paint.

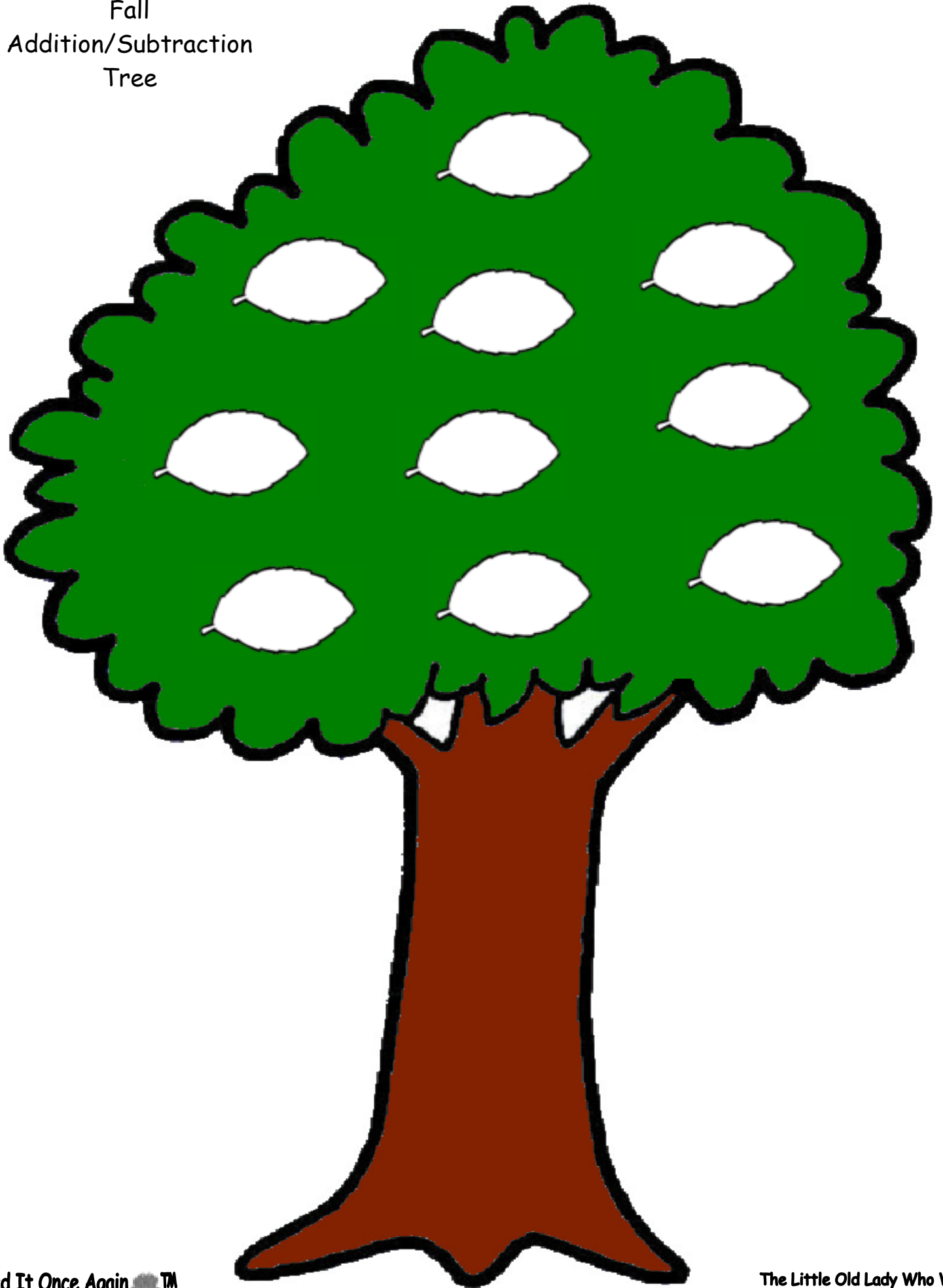
- The teacher can also have a list of the children's names on chart paper. Write down the number rolled by each child. The children could also practice writing or tracing the number they rolled.
- Talk about who rolled the highest number and who rolled the lowest number.
- Create a large tree with poster board, construction paper, or bulletin board paper. Use the large leaves on pages 220 - 222 to create a large group activity.
- This is a good opportunity to introduce equations.  
 $\underline{\quad} + \underline{\quad} = \underline{\quad}$ . Encourage children to fill in the numbers.





Addition/Subtraction  
Cube

Fall  
Addition/Subtraction  
Tree



# Small Leaf Markers

