

## Objective

By the end of this lesson, you will be able to understand and apply basic arithmetic concepts while incorporating your interest in drawing.

## Materials and Prep

- Pencil
- Eraser
- Blank paper

No specific knowledge is required before starting this lesson. Just bring your enthusiasm and creativity!

## Activities

### 1. Warm-up: Draw and Count

Start by drawing some simple shapes on your paper, such as circles, squares, and triangles. Then, count how many shapes you drew and write the number next to your drawing.

### 2. Adding and Subtracting Shapes

Draw a group of shapes on your paper. For example, draw three circles and two squares. Then, add one more shape and write the new total. Next, erase one shape and write the new total again. This will help you practice addition and subtraction using visual representations.

### 3. Shape Patterns

Create a pattern using different shapes. For instance, draw a circle, then a square, then a triangle, and repeat the pattern. Count how many shapes are in your pattern and write the number down. This activity will help you understand patterns and practice counting.

### 4. Drawing with Numbers

Think of a simple drawing you would like to create. For example, a smiley face or a house. Use numbers to guide your drawing. For instance, draw a circle with a diameter of 4 units, then draw two smaller circles for the eyes. This activity combines your interest in drawing with measurement and numerical concepts.

## Transitional-Kindergarten Grade Talking Points

- "Mathematics is a subject that helps us understand numbers and shapes."
- "Today, we will learn about arithmetic, which is a way to add and subtract numbers."
- "Drawing can be a fun way to practice math skills."
- "Shapes are important in math. We will use shapes in our drawings and count them."
- "Patterns are sequences that repeat. We will create patterns using shapes."
- "Numbers can help us measure and guide our drawings. We will use numbers to draw different objects."