

# Grade: SK- Mathematics : Rhythm Builders Math Lab

## Composing to 10 · Pattern Creation · Math Communication

Duration: 20 min discovery station

**Instructions:** Build beat-based counting patterns with movement, music, and math talk!

### 1 Shape Safari

Circle all the triangles, squares, and circles in the picture.

Write how many of each.

### 2. Build a Shape Story

Draw a house using 1 triangle and 2 rectangles.

Add a circle for the sun!

### 3. Size Match

Draw 3 shapes: small, medium, and large.

Label each one.

### 4. Measure & Compare

Use your fingers or a ruler to find which shape is **“tallest”** and which is **“shortest”**.

### 5. Sort It Out

Group shapes by **“number of sides.”**

Triangle → 3   Square → 4   Rectangle → 4   Circle → 0

### 6. Shape Hunt

Find 5 shapes around your classroom or home.

List them: \_\_\_\_\_

### 7. Story Time

Tell a short story using 3 shapes as characters.

Example: “The circle rolled to meet the triangle!”

### 8. Shape Puzzle

Draw one shape hiding behind another.

Guess which shapes are overlapping.

### 9. Creative Build

Make a robot or castle using only squares and rectangles.

### 10. Reflection

Which shape was easiest to draw? Which one was tricky?

 **Tutoring Tip:** Encourage kids to “feel” numbers through beats and movement.

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**Instructions:** Build beat-based counting patterns with movement, music, and math talk!

### 1. Beat & Count

Clap your hands \*\*5 times\*\*, stomp your feet \*\*5 times\*\* — how many beats in total?

### 2. Body Percussion

Tap your knees twice and snap your fingers three times.

→ Total sounds = \_\_\_\_\_

### 3. Counting Drum

Draw 10 circles (like drum hits). Color 4 red and 6 blue. How many altogether?

### 4. Pattern Beats

Continue the pattern:  \_\_\_\_\_

### 5. Number Music

Write the missing numbers:

 6, 7, \_\_\_, 9, \_\_\_

### 6. Rhythm Train

Each car has 2 beats. Draw 5 cars.

How many beats in the train?

### 7. Count & Move

Jump 3 times, clap 2 times, and nod your head 5 times.

Add all moves = \_\_\_\_\_

### 8. Build to Ten

Color squares to make 10 (e.g., 7 red + 3 blue).

Write your combo: \_\_\_ + \_\_\_ = 10

### 9 Math Talk

Describe your favorite beat pattern using numbers (e.g., “I did 2-2-4!”).

### 10. Share & Reflect

What helps you remember patterns — sound, color, or movement?

 **Tutoring Tip:** Encourage kids to “feel” numbers through beats and movement.