LESSON MAKER PRO

Pattern Path

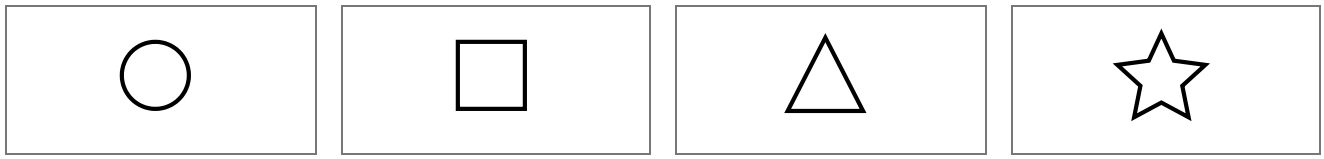
Children extend patterns, then create and explain their own repeating shape pattern.

1.PFA.1.c · Create a repeating or increasing pattern using objects, pictures, movements, colors, or geometric figures.

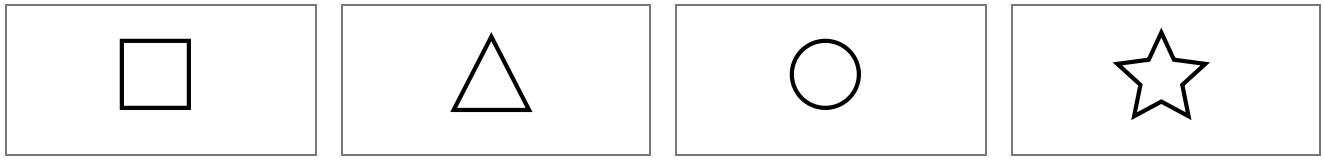
Name _____ Date _____

Repeat It

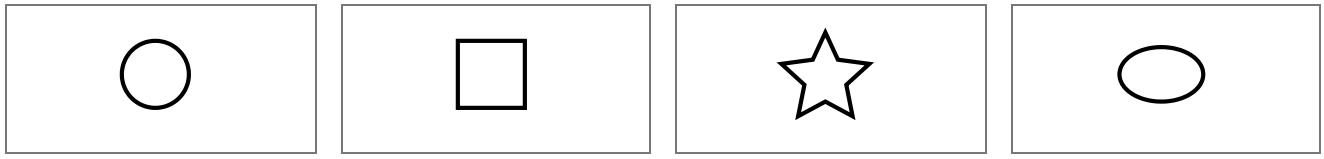
1.



2.



3.

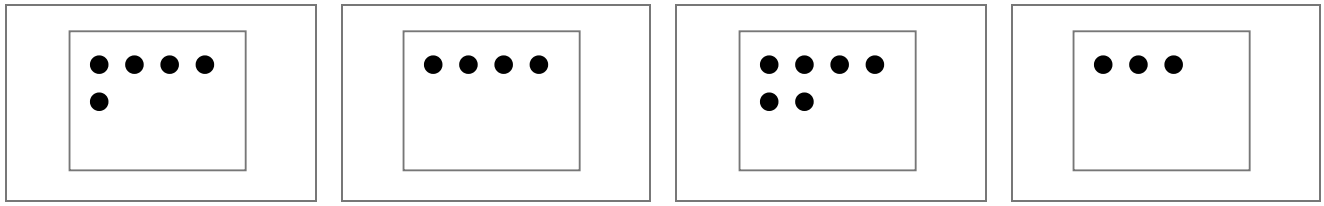


Grow It

1.

2	3	5	4

2.



3.

5	6	7	4

Before you begin

Read each supplied pattern aloud and have children select the next item. After Part 2, give each child blank paper and a crayon. Ask: Choose two different shapes. DRAW your own repeating pattern with at least six shapes, so your chosen core repeats at least three times. Point out the core, tell how it repeats, and draw the next two shapes. Observe the child's actual new drawing; selecting one next item alone does not complete creation.

Repeat It

Listen to each pattern. Look at the shapes in the row as I name them, then circle the shape that should come next.

1. Listen: circle, square, circle, square. The choices are circle, square, triangle, and star. Which shape should come next?
Answer: circle

2. Listen: triangle, triangle, square, triangle, triangle, square. The choices are square, triangle, circle, and star. Which shape should come next?
Answer: triangle

3. Listen: star, oval, star, oval. The choices are circle, square, star, and oval. Which shape should come next?
Answer: star

Grow It

Listen to each growing pattern. Count or move with me if you need to, then circle the number or dot group that should come next. After these rows, use the blank paper your teacher gives you. Choose TWO different shapes, draw your OWN six-shape repeating pattern, point out its repeated core, and draw the next two shapes.

1. Clap one time, then two times, then three times. The choices are 2, 3, 5, and 4. What number of claps should come next?
Answer: 4

2. Listen: 2, 3, 4. The dot groups show 5, 4, 6, and 3 dots. Which dot group should come next?
Answer: 5

3. Jump three times, then four times, then five times. The choices are 5, 6, 7, and 4. What number of jumps should come next?
Answer: 6

What to accept

Repeat It answers: circle, triangle, star. Grow It answers: 4, 5 dots, 6. Also require the actual learner-created drawing. For example, triangle/circle repeated three times gives six shapes, and the next two are triangle/circle. Accept any two distinct shapes in a consistent two-shape core repeated three times, with the matching next two and an oral core explanation. Do not require copying the example.