

Repeat Beat

Students listen for the smallest repeating part and show its size.

K.PFA.1.a "Identify and describe the core found in repeating patterns."

NAME _____

DATE _____

Teacher: this page is run aloud. The script and answers are on the guide page.

1 CIRCLE IT _____

a	1	2	3
b	1	2	3
c	2	3	4

2 WRITE IT _____

HOW TO RUN THIS PAGE

Read each spoken pattern slowly two times, with a short pause between repeats. Students listen for the smallest group that repeats, then show how many shapes are in that core.

Students never read directions on this sheet. Read each part's script aloud, then each prompt, giving think time before students mark.

PART 1 • CIRCLE IT

SAY “A core is the smallest part of a pattern that repeats. I will say each pattern two times. Listen for the core, then circle the number that tells how many shapes are in it.”

ROW	SAY	STUDENTS CIRCLE
a	Listen: triangle, triangle, star, triangle, triangle, star. Is the core 1, 2, or 3 shapes? Circle the number.	3
b	Listen: rectangle, oval, rectangle, oval. Is the core 1, 2, or 3 shapes? Circle the number.	2
c	Listen: diamond, circle, square, diamond, circle, square. Is the core 2, 3, or 4 shapes? Circle the number.	3

PART 2 • WRITE IT

SAY “For the first box, listen: oval, diamond, oval, diamond. How many shapes are in the core? Write the number. For the second box, listen: hexagon, hexagon, hexagon. How many shapes are in the core? Write the number. For the third box, listen: star, triangle, pentagon, star, triangle, pentagon. How many shapes are in the core? Write the number.”

- Box 1: **2**
- Box 2: **1**
- Box 3: **3**

WHAT TO ACCEPT

Circle rows, from top to bottom: 3, 2, 3. Write boxes, from first to third: 2, 1, 3. Accept clearly recognizable numerals.