Fold and Find

Students fold paper squares and check whether the parts are equal.

1.N.3.1 "Partition a regular polygon using physical models and recognize when those parts are equal."

NAME _____ DATE _____

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

1 COUNT PARTS

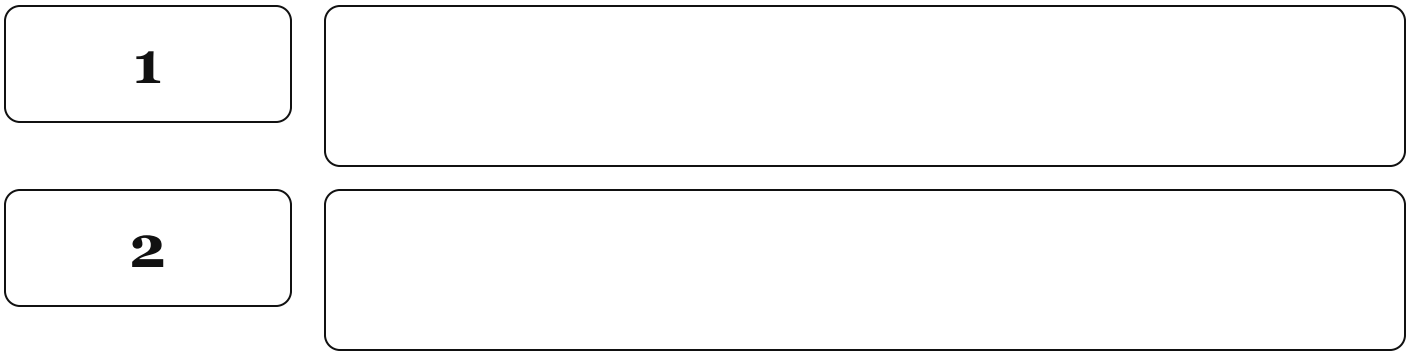
a



b



2 EQUAL PARTS?



ANSWER KEY

Fold and Find

GRADE 1 · 1.N.3.1

HOW TO RUN THIS PAGE

Give each student four square pieces of plain paper. Watch each student make the folds, open the squares, and compare the parts before marking the sheet.

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

PART 1 · COUNT PARTS

SAY "Use one paper square for each row. Fold it, open it, and circle your answer."

ROW	SAY	STUDENTS CIRCLE
a	Fold one square so two opposite edges meet. Open it. How many equal parts did you make? Circle the number.	**2**
b	Fold a new square so two opposite edges meet. Keep it folded, turn it, and fold it in half again. Open it. How many equal parts did you make? Circle the number.	**4**

PART 2 · EQUAL PARTS?

SAY "Use a new paper square for each box. After you open it, fold it on the line again to see if the parts match. Write yes or no in each box."

- Box 1 (beside 1): **yes**
- Box 2 (beside 2): **no**

WHAT TO ACCEPT

For box 1, have students fold a new square so opposite corners meet, then compare the parts. For box 2, have them fold a new square so one edge stops short of the opposite edge, then compare the parts. Accept yes and no or clearly explained oral responses, and record any help with folding separately.