Fair Share Lab

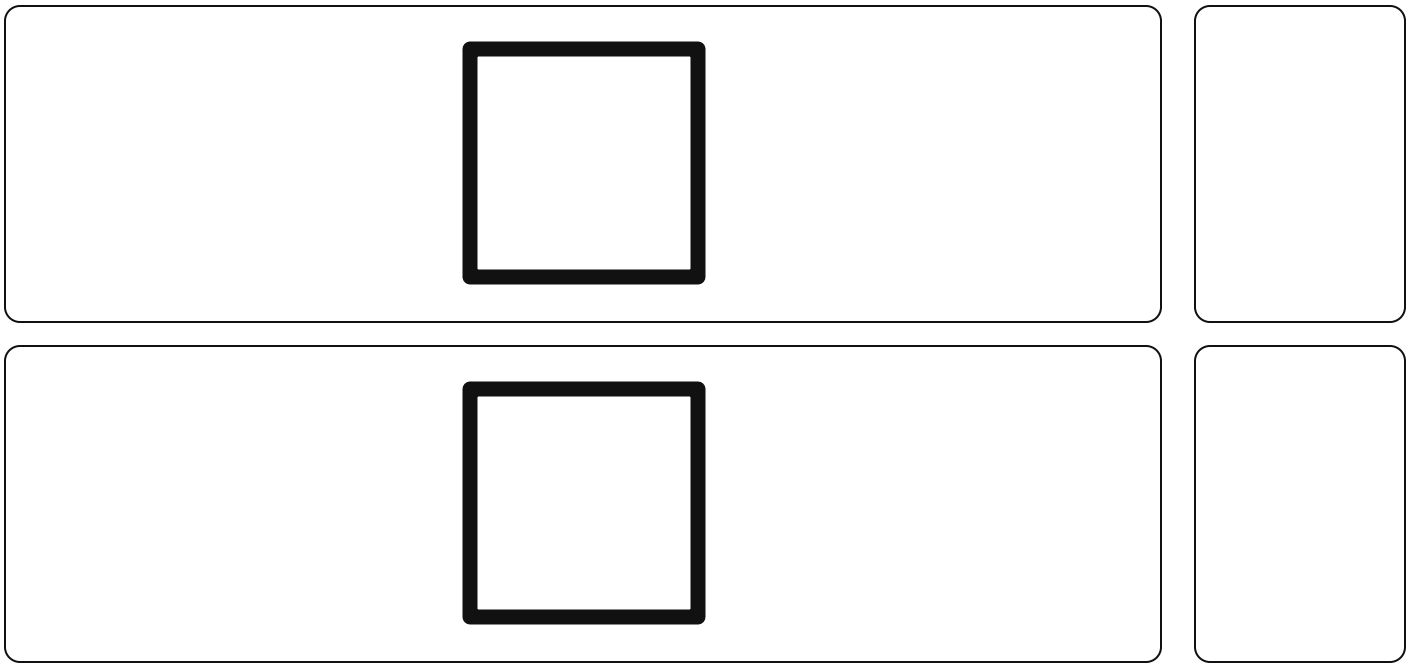
Fold squares and share objects to find equal parts.

1.N.3 "Develop foundational ideas for fractions. Partition a regular polygon using physical models and recognize when those parts are equal. Partition (fair share) sets of objects into two and three equal groups."

NAME _____ DATE _____

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

1 FOLD SQUARES



2 SHARE OBJECTS

a	2	3	4
b	3	1	2

ANSWER KEY

Fair Share Lab

GRADE 1 · 1.N.3

HOW TO RUN THIS PAGE

Give each learner six pencils, six paper clips, and two square pieces of paper, or have learners take turns with the materials. Watch each learner make the groups and fold the squares. Record any help separately.

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

PART 1 · FOLD SQUARES

SAY "Use two square pieces of paper. Fold the first square in half, edge to edge; open it, draw the fold line inside the first square on your page, and write how many equal parts you made in its box. Fold the second square in half, then in half the other way; open it, draw both fold lines inside the second square on your page, and write how many equal parts you made in its box."

- Box 1 (beside square): **2; one line divides the printed square into two equal parts**
- Box 2 (beside square): **4; two lines divide the printed square into four equal parts**

PART 2 · SHARE OBJECTS

SAY "Use the pencils and paper clips to make the groups I ask for. Circle how many objects are in each group."

ROW	SAY	STUDENTS CIRCLE
a	Make two equal groups with the six pencils. How many pencils are in each group? Circle that number.	**3**
b	Make three equal groups with the six paper clips. How many paper clips are in each group? Circle that number.	**2**

WHAT TO ACCEPT

Accept 2 and 4 in the boxes when the drawn lines make equal parts. The circled answers are 3 pencils and 2 paper clips per group; check the learner's folds and object groupings, not just the written answers.