

Equal Parts & Unit Fractions

Elaboration 4 · The number of equal parts names each unit fraction

ELABORATION FOCUS

Dividing a shape into equal parts and relating the number of parts to the unit fraction: 4 equal parts means each part is one-quarter; 8 equal parts means each part is one-eighth.

LEARNING INTENTION

We are learning that the number of equal parts tells us the unit fraction of each part.

Equal parts

Count them

Name the unit

4 = quarter

8 = eighth

1

Divide Equally

Divide a shape into equal parts with no gaps or overlaps.

2

Count the Parts

Count how many equal parts make up the whole shape.

3

Name the Unit

The number of parts names each one: 4 parts means quarters.

MODEL · COUNT PARTS, NAME THE UNIT

Divide equal shapes into 2, 4 and 8 parts. Count the parts, then name each one.

2 parts



$\frac{1}{2}$ one-half

4 parts



$\frac{1}{4}$ one-quarter

8 parts



$\frac{1}{8}$ one-eighth

More equal parts make smaller parts: 2 halves, 4 quarters, 8 eighths.

TEACHER MODELLING ROUTINE

I do → We do → You do

WATCH FOR

Unequal parts: the pieces must be the same size to name a fraction.

REMEMBER

More equal parts means each part is smaller.

MATERIALS

Paper strips, fraction bars, folded circles, grid paper.