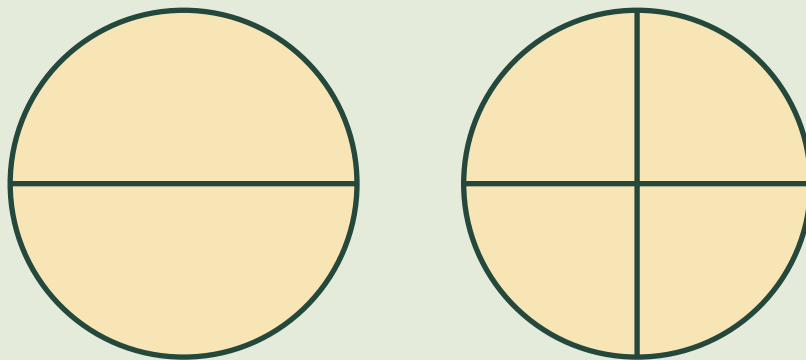


Sharing & Fractions Picnic

Ages 6-8 | Equal parts and fractions

Explore fair sharing, halves and quarters using clear shapes and imaginary picnic quantities.



Equal parts. Fair shares.

8 activities + grown-up guide + answers

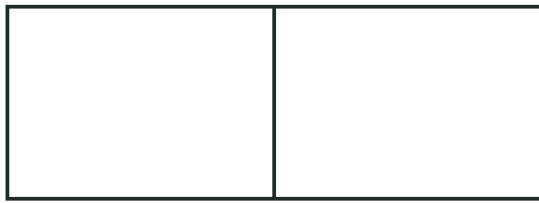
A4 printable / Read-together HTML companion

ACTIVITY 1 / EQUAL PARTS AND FRACTIONS

Equal means fair parts

Today I can: Recognise equal-sized parts of a whole.

A half is one of TWO equal parts of the same whole. Simply drawing a line does not always make halves.



A



B

1. Which labelled rectangle is split into two equal parts?

2. Is each part of rectangle A one half?

3. Are the two parts of B halves? Explain.

4. Draw another way to split a rectangle into two equal parts.

ACTIVITIES 1-4

Answers & discussion notes

1. Equal means fair parts

- 1) A
- 2) Yes.
- 3) No. They are unequal in size.
- 4) Accept a horizontal or diagonal split into equal areas, or another valid equal-area partition.

2. Shade one half

- 1) Exactly one of its two equal parts shaded.
- 2) Exactly one of its two equal parts shaded.
- 3) 2
- 4) No, provided it still makes two equal parts.

3. Meet the quarters

- 1) 4
- 2) Exactly one of the four equal parts shaded.
- 3) 4
- 4) No. The four parts must be equal in size.

4. Two quarters, one half

- 1) One of its two equal parts shaded.
- 2) Any two of its four equal parts shaded.
- 3) Yes. One half of this whole equals two quarters of the same whole.
- 4) 2