Name _____ Date _____

Equal parts

A fraction is one or more equal parts of a whole.

1 Learn



One of 4 **equal** parts is **one quarter**, $\frac{1}{4}$.



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



one third $\frac{1}{3}$



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

Worked example: what fraction is shaded?



$\frac{1}{5}$

1. Check the parts are all the **same size**. They are.
2. Count **all** the equal parts: 5. That's the bottom number.
3. Count the shaded parts: 1. That's the top number.
4. Write it: $\frac{1}{5}$ and say it: **one fifth**.

Flip's tip: the bottom number counts **all** the equal parts, the shaded ones and the empty ones together.

Warm up: write the fraction that is shaded.



$\frac{\square}{\square}$



$\frac{\square}{\square}$



$\frac{\square}{\square}$

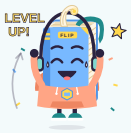


$\frac{\square}{\square}$

Grown-ups: ask "Are the parts the same size?" first, then "How many parts altogether?" and "How many are shaded?"

Name _____ Date _____

2 Try it together a child and a grown-up, about 10 minutes



Fold it fair

You need: 3 or 4 sheets of scrap paper (or paper napkins) and a pencil or crayon.

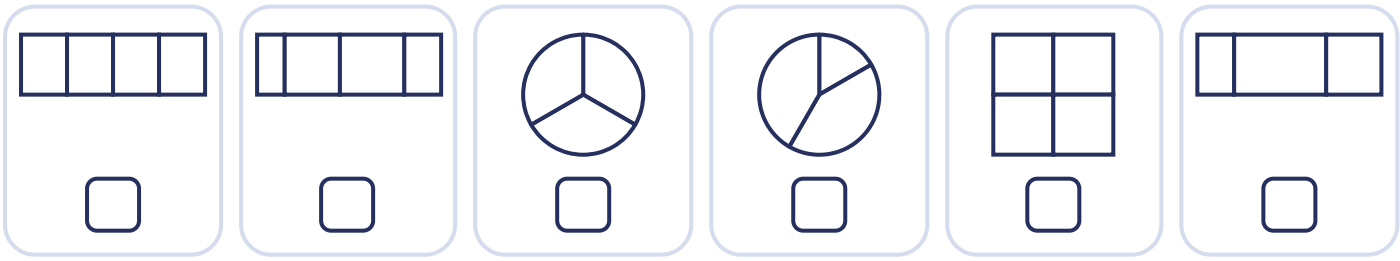
1. Fold a sheet in half, edge to edge. Open it: are the two parts the same size? Colour one and write $\frac{1}{2}$ on it.
2. Fold a new sheet in half, then in half again. How many equal parts now? Colour one and name it.
3. Try to fold a sheet into 3 equal parts, like a letter. Check the parts match, colour one, and record each sheet in the table.

Sheet	Equal parts	One part is called	Fraction

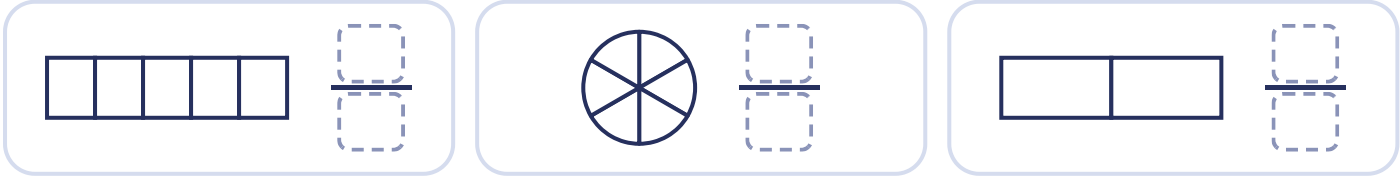
Grown-ups: if a fold comes out uneven, that's a great chance to say "those parts aren't equal, so it isn't a half". Fold again together.

3 Practise

A. Tick the shapes cut into **equal** parts. Cross the others.



B. Colour **one** part of each shape. Write the fraction you coloured.



Equal parts

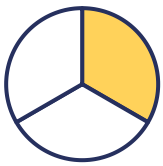
Scan to play this chapter in the game

Name _____ Date _____

C. Write the fraction that is shaded.



$\frac{\square}{\square}$



$\frac{\square}{\square}$



$\frac{\square}{\square}$



$\frac{\square}{\square}$

D. Draw a line to match the words to the fraction.

one half	one third	one quarter	one fifth
$\frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{3}$

Challenge

A pie is cut into 4 equal parts. Sam colours 1 part. He says, "That's $\frac{1}{3}$, because 3 parts are not coloured." Is he right? What fraction did he colour?

I can... Tick when you can.

- ☐ check that the parts are equal
- ☐ name one part, like one quarter
- ☐ write a unit fraction, like $\frac{1}{4}$