



A fraction **IS** a division

$3/4$ means 3 shared between 4

- Today: not “equals” a division. IS one.

Three sandwiches, four children

- How much each?

Less than one. Whatever the answer is.

Do the sharing

- Cut each sandwich into 4. That is 12 pieces.
- Each child takes 3 pieces. Each piece is a quarter.

$\frac{3}{4}$ each. The fraction WAS the sharing.

The wrong way round

- $4 \div 3 = 1\frac{1}{3}$.

More than a sandwich each. From three sandwiches.

Why children reach for it

- Every division so far put the big number first.
- $20 \div 4$, never $4 \div 20$.

Top $\div$ bottom. Always that way round.

When it is more than one

- 13 shared between 4.
- 3 each, and 1 left over.

The leftover is 1 of FOUR pieces. $3\frac{1}{4}$.

Not $3\frac{1}{3}$

- The bottom is who is sharing, not what is left.

4 children → quarters. Every time.

Your turn

- 3 cakes between 5 children. Then $17 \div 5$.
- Then: is your first answer more or less than one cake? Say so first.

Predict under-or-over-one. Then share.