🧠 Fraction Confidence Cheat Sheet

Equivalent Fractions: Same Value, Different Look

🟦 Big Idea

Equivalent fractions look different, but they represent the same amount.

🟩 Teach It Simply

A fraction shows how much of a whole we have.
If two fractions cover the same amount of the whole, they are **equivalent** — even if the numbers look different.

Different numbers.
Same value.

🟨 Step-by-Step

Start with one whole.
Use a circle, rectangle, or fraction bar.

Divide it in different ways.
Cut one into 2 equal parts.
Cut another into 4 equal parts.

Shade the same amount.
Shade 1 out of 2 pieces → **1/2**
Shade 2 out of 4 pieces → **2/4**

Compare the shaded space.
They cover the same area → same value → equivalent fractions.

🟥 Examples

- 1/2 = 2/4
- 1/2 = 3/6
- 2/3 = 4/6
- 3/4 = 6/8

Different fractions — same amount.

🟪 What Changes

➡️ The number of pieces

➡️ The size of the pieces

🟧 What Stays the Same

- The value of the whole
- The amount being represented

🧩 Parent Tip

If your child is confused, go back to visuals.

Equivalent fractions are not about memorizing rules — they're about **seeing the same amount in different forms**.

Understanding builds confidence faster than drills ever will.

⭐ Confidence Reminder

This concept takes time — and that's normal.

Understanding *why* this works matters more than memorizing the rule.

Math With Karen
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