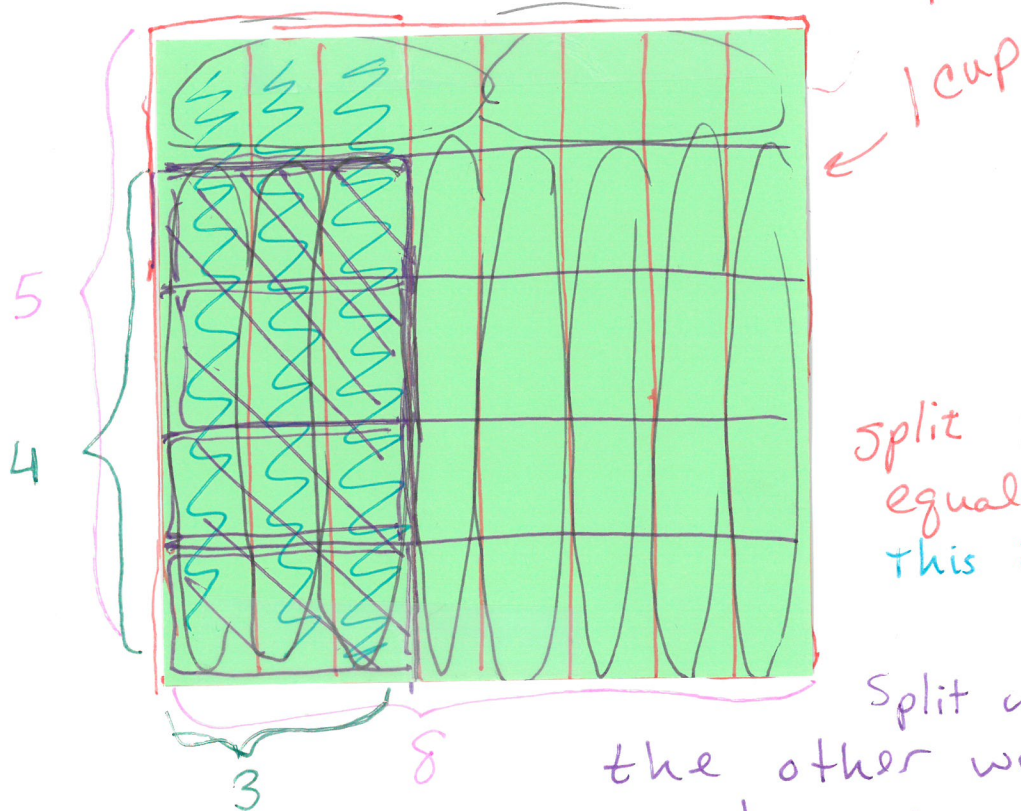


A batch of pancakes has

$\frac{3}{8}$ cup of sugar. ← start by showing this

How much sugar is in $\frac{4}{5}$ of a batch of pancakes.

It has — cups of sugar



Split 1 cup $\square$ into 8 equal parts & shade 3
This is $\frac{3}{8}$ cup of sugar
= sugar in 1 batch

Split into 5 parts going the other way to get the sugar in $\frac{1}{5}$ batch

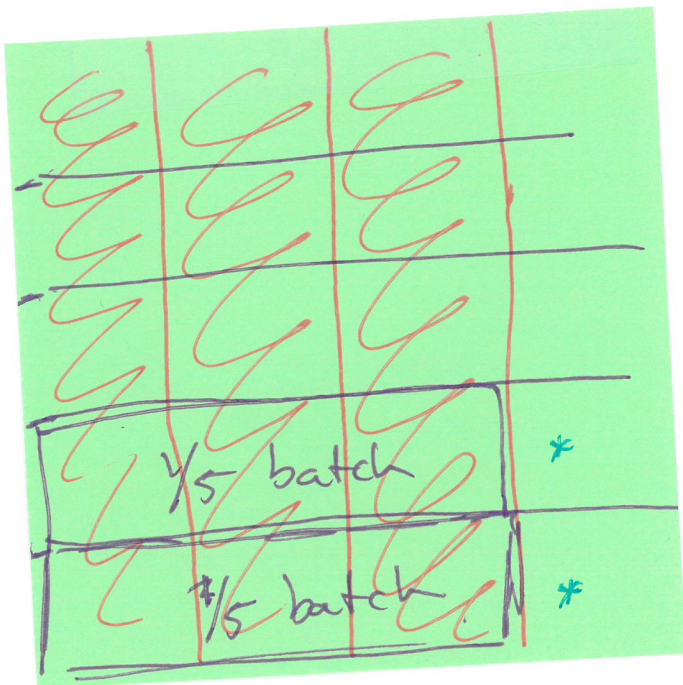
Show $\frac{4}{5}$ of sugar in $\frac{4}{5}$ of a batch

$$\begin{aligned} \# \text{ parts in } \frac{4}{5} \text{ of a batch} &\rightarrow 4 \times 3 \text{ (rows} \times \text{cols.)} \\ \# \text{ parts in 1 cup} &\rightarrow 5 \times 8 \text{ (rows} \times \text{cols.)} \\ &= \frac{4 \times 3}{5 \times 8} \text{ cups of sugar} \\ &= \frac{12 \div 4}{40 \div 4} = \frac{3}{10} \end{aligned}$$

There are $\frac{3}{4}$ cups of ww in a batch of ~~ooo~~.

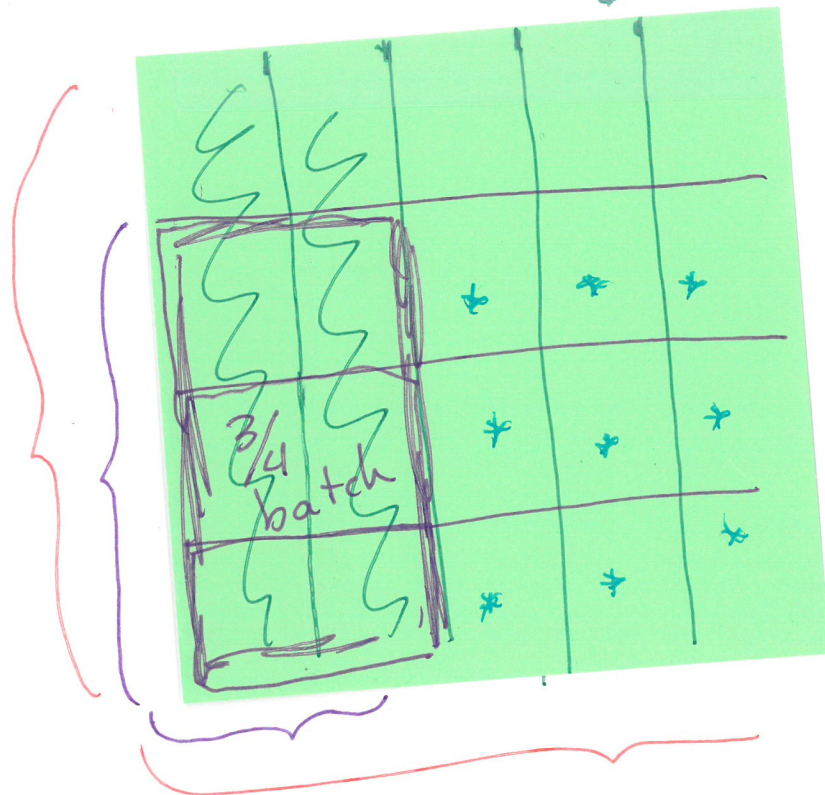
How much ww is in $\frac{2}{5}$ of a batch of ~~ooo~~?

Ans: — cups of ww
 1 cup
 ↓



There are $\frac{2}{5}$ cups of ww in a batch of ~~ooo~~.
 How much ww is in $\frac{3}{4}$ of a batch of ~~ooo~~?

Ans — cups of ww.
 1 cup
 ↓



parts in $\frac{3}{4}$ of a batch → 3×2 (cols, row)
 parts in 1 cup → 4×5 (cols, rows)

* no shading here for this problem