WALT: To be able to add fractions with the same denominator within one whole

Vocabulary

Fraction
Add
Numerator
Denominator
Share
Parts of the whole
Digit
objects
Values

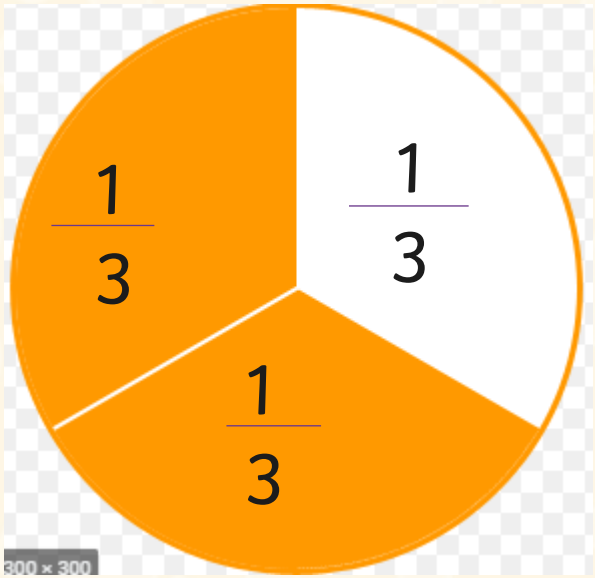
Do it

Example:

$$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$$

Rule:

Add the numerators
Keep the denominator the same



Do it: Variation

$$\frac{1}{8} + \frac{2}{8} + \frac{\quad}{8} = \frac{5}{8}$$

Do it: Your turn

$\frac{1}{4} + \frac{1}{4} =$

$\frac{2}{6} + \frac{3}{6} =$

$\frac{1}{9} + \frac{2}{9} + \frac{5}{9} =$

Do it: Answers

$$\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$$

$$\frac{2}{6} + \frac{3}{6} = \frac{5}{6}$$

$$\frac{1}{9} + \frac{2}{9} + \frac{5}{9} = \frac{8}{9}$$

Secure it

Coco thinks that:

$$\frac{1}{4} + \frac{3}{4} = \frac{4}{8}$$

Explain why she is incorrect

Use the word ‘because’ when explaining your answer.

Secure it

Coco is incorrect because she has added the denominators together when the number should stay the same as it is a whole number.

The correct answer is:

$$\frac{1}{4} + \frac{3}{4} = \frac{4}{4}$$

Deepen it

Find possible values for A and B.

$$\frac{A}{8} + \frac{B}{8} = \frac{7}{8}$$

Find possible values for A, B and C.

$$\frac{A}{10} + \frac{B}{10} + \frac{C}{10} = \frac{9}{10}$$

'Values' means 'number' when added together.