

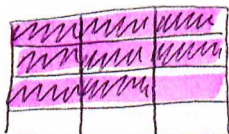
Warm Up1.) When subtracting fractions we must have a Common denominator.

2.) Why must we get a common denominator?

Since fractions are part/whole, we must attain a common denominator so that the pieces we are subtracting are the same size.

3.) Solve:

$$\frac{3}{4} - \frac{2}{3}$$



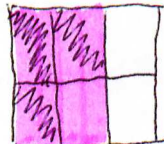
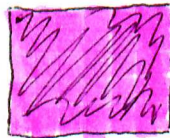
$$= \frac{1}{4}$$

NotesMixed Fractions:

are Rational numbers that are larger than one, written with a whole number and a fraction.

Question 1

$$1\frac{2}{3} - 1\frac{1}{2}$$



$$= \frac{1}{6}$$

C-RODS → Common Denominator = 6 use dark green rods
use lime green to represent $\frac{1}{2}$ or $\frac{3}{6}$
use 2 rods to represent $\frac{2}{3}$ or $\frac{4}{6}$

Questions 2:

$$a.) 3\frac{3}{4} - 1\frac{2}{3}$$

C-RODS

Common Denominator = 12 use orange rod
light green to rep. $\frac{3}{4}$ or $\frac{9}{12}$
purple to rep. $\frac{2}{3}$ or $\frac{8}{12}$

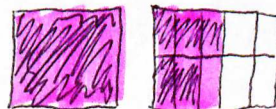
$$= 2\frac{1}{12}$$

Question 3:

$$1\frac{3}{5} - 1\frac{1}{2}$$

C-RODS

Common Denominator = 10 use orange rod
red to rep $\frac{3}{5}$ or $\frac{6}{10}$
yellow to rep $\frac{1}{2}$ or $\frac{5}{10}$



$$= \frac{1}{10}$$