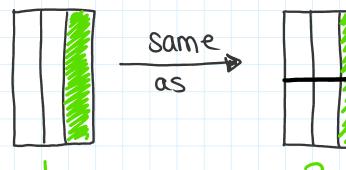
Proportions September 12, 218 11:08 AM

Proportions 3 are just equivalent fractions



 $\frac{1 \times 2}{3 \times 2} = \frac{2}{6}$ equivalent fraction

ex: Create an equivalent fraction

a)
$$\frac{3}{4} \times \frac{2}{8}$$

b)
$$\frac{10^{\times 10}}{7 \times 10} = \frac{100}{70}$$

choose any value to multiply to num of den.

c)
$$\frac{50}{100 \cdot 10} = \frac{5}{10}$$

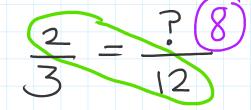
$$\frac{1}{5} = \frac{-8}{10}$$

or you can divide both num of den by a common factor

ex: find the missing values in the following proportions (aka equivalent frac)

a)
$$\frac{2^{\times 4}}{3^{\times 4}} = \frac{?}{12}$$

OR



how many 3's are needed to get 12 4 50 ×4 to both num & deno.

Trick:
find values Cross
equal sign and
fraction. (Multiply of
them. Then (Divide
by remaining
value
12x2=24

ex: Solve using Cross Multiply and Divide: