2 - 6 Equivalent Ratios

ratio: comparison of one number to another

can be written 5 ways:

Ex: 15 successful kicks out of 20 attempts

$$\frac{15}{20} = \left(\frac{3}{4}\right)$$

pay attention to order!

5 hats for 12 people

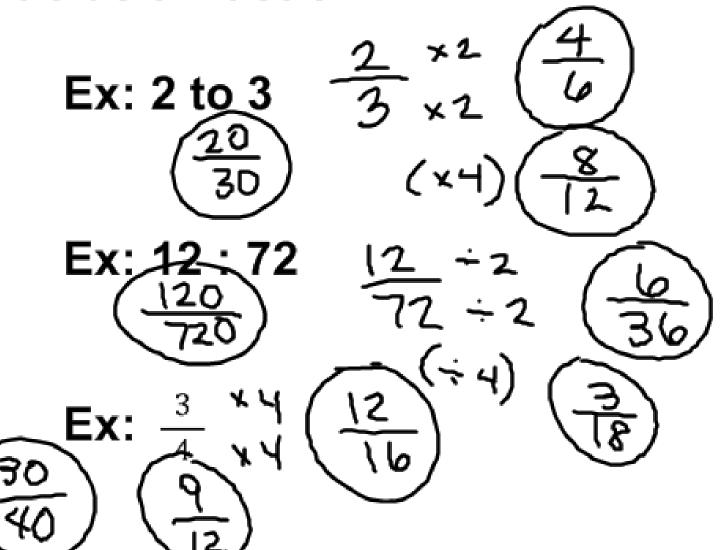
Write each ratio as a fraction in lowest terms:

Ex: 12c to 48c
$$\frac{12}{48} = \frac{12}{4}$$
 $= \frac{12}{4}$ $= \frac{12}{48}$ $= \frac{3}{12} = \frac{1}{4}$

$$\frac{25}{500} = \left(\frac{1}{20}\right)$$

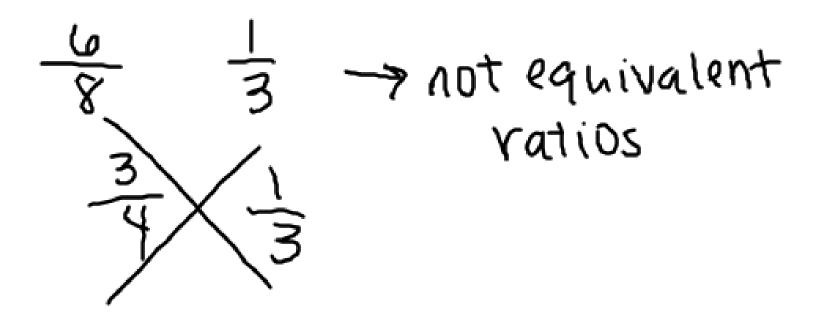
equivalent ratios: two ratios that represent the same comparison

* x or - each term by the same number Find an equivalent ratio. Write the ratio as a fraction.



Another way to think of equivalent ratios is...

"Can they simplify to the same fraction?"



Homework:

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