Clear Learning Target

You will be able to compare ratios and solve proportions.

comparing related values

2 out of 3

2 to 3

$$\frac{7}{4}, \frac{91}{52}$$
 $\frac{7}{4}, \frac{91}{52}$
 $\frac{7}{52} = \frac{364}{491} = \frac{364}{91}$

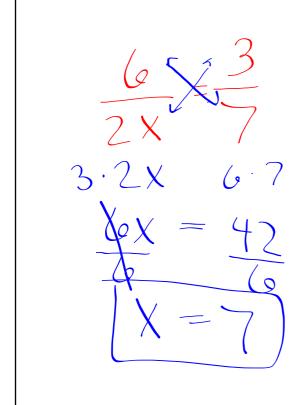
(PROPORTIONS)

when 2 ratios are set equal $\frac{1}{2} = \frac{2}{11}$

Solving Proportions

 $\frac{1}{\sqrt{8}}$ $\sqrt{6} = \frac{1}{8}$ $\sqrt{6} = \frac{18}{6}$ $\sqrt{6} = \frac{18}{6}$

the cross
products will
be equal, too!



$$(x-2) = 2$$

$$14 = 7(x-2)$$

$$28 = 7x - 14$$

$$114 + 14$$

$$42 = 7x$$

$$16 = 4$$

$$\begin{array}{c} x + 4 < 3 \\ 5 = 8(x + 4) \\ 15 = 8x + 32 \\ -32 \\ -17 = 8x \\ 8 \end{array}$$