ratio-A comparison of two numbers or quantities. They are measured in the same or similar units.

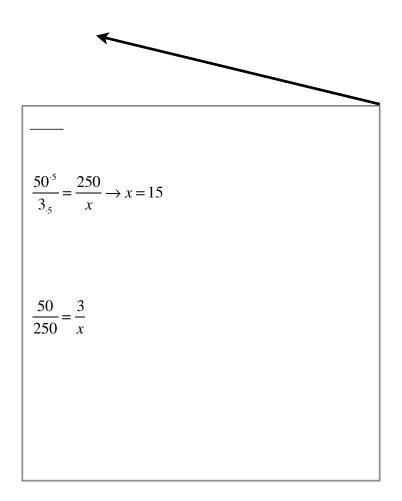
Example: If the ratio of adults to children is 2 to 5, then there are two adults for every 5 children. So, if there are 50 children in attendance, then there are 20 adults.

Solving proportions You can solve a proportion many ways. First remove the units.

Example 1
$$\frac{\$37}{100\%} = \frac{x}{70\%} \rightarrow \frac{37}{100} = \frac{x}{70}$$

Now solve algebraically.
 $70! \frac{37}{100} = \frac{x}{70}!70$

$$770! \frac{37}{10100} = \frac{x}{70!} 70$$



Graphing proportions

We can graph our information on a coordinate graph. One unit is on the x-axis and the other is on the y-axis.

Examples: