**Webquest Ratios & Proportions**

First, you will need to read about it here:

http://www.mathleague.com/index.php?option=com\_content&view=article&id=80&Itemid=67

 Next, go  <http://www.math.com/school/subject1/lessons/S1U2L2GL.html> and work your way through First Glance, In Depth, Examples and Workout.  Write the third proportion you see in the Workout section.

 1.

 Go  here: <http://www.bbc.co.uk/skillswise/factsheet/ma19rati-l1-f-key-words-for-ratio-and-proportion> and define the following words.

2. Simplest form:

 3. Equivalent ratios:

Go here: <http://math.rice.edu/~lanius/proportions/rate.html>

 and **draw** out the following similar ratios (think: equivalent fractions).

4. Dolls      :     camera                              5.   Fish           :        atom

6. Play the [millionaire game here](http://www.quia.com/rr/35675.html): <http://www.quia.com/rr/35675.html> and try to win a million dollars.

Write your furthest dollar amount here!  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Try the [Problem Solving Recipe Challenge here](http://math.rice.edu/~lanius/proportions/rate8.html):

http://math.rice.edu/~lanius/proportions/rate8.html

Then how many peppers & how many tomatoes will you actually use?

Tomatoes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_          Peppers: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. [Go here](http://math.rice.edu/~lanius/proportions/rate7.html): <http://math.rice.edu/~lanius/proportions/rate7.html>

 and answer questions 1 -3.  Write answers in the spaces below.

1.

2.

3.

**That concludes your WebQuest for today.**

  Finished?  Try these fun activities.

 Read more about proportions http://aaamath.com/rat-prop-crossx.htm

Reducing Ratios timed game - <http://aaamath.com/rat62b-findratios.html#section2>

Ratio Blaster - <http://www.arcademicskillbuilders.com/games/ratio-blaster/ratio-blaster.html>

Ratio Dirt Bike race - <http://www.arcademicskillbuilders.com/games/ratio-stadium/ratio-stadium.html>