

Name: \_\_\_\_\_

Period: \_\_\_\_\_

Date: \_\_\_\_\_

## Using a Triple Beam Balance WebQuest

### Directions:

1. Go to [piperpages.wikispaces.com](http://piperpages.wikispaces.com)
2. Click on "1. What is Science, Scientific Method, & Measurement" on the left hand side
3. Scroll down under "3. Measurement" until you see "Interactive Triple Beam Balance", click on this
4. On the bottom of the site, click on "use tutorial", go through the tutorial and answer the following questions.

5. What is the name of the instrument you will be using?

6. Why do you have to zero the balance?

7. Which way should you turn the zero adjustment knob if the index pointer is above the line?

8. How do you know if the weight on the scale is greater than the "poises" (sliding weights)?

9. Which poise do you move first? How do you know if you've gone too far?

10. Which poise should be moved after the 100 g poise?

11. What are the smallest dashes on the 1 g scale called (think back to measuring length)?

12. How do you know when the balance is ready to be read?

13. Once the balance is zeroed and you've made your reading, click the back button on the internet browser and click on "practice weighing".

Click the "New Unknown" knob at the top of the page and make your reading. Keep practicing until you feel comfortable with reading the triple beam balance – you will be expected to be able to measure mass on your own using a real triple beam balance tomorrow.