

Triple Beam Balance Mass Lab

Name: _____ Date: _____ Period: _____

Directions:

1. Move all the **riders** on the triple beam balance to zero. The **pointer** should now be at **zero**.
2. Place the object from the assigned station onto the triple beam balance **pan**.
3. Starting with the largest **rider**, determine the possible range for the mass.
4. Continue moving all the **riders** until the **pointer** points to **zero** again.
5. Record your mass to the nearest **10th** of a gram.

Object	Grams (g)			Mass
	Hundreds	Tens	Ones	
1. Stapler				
2. Eraser				
3. Pencil				
4. Paper clip				
5. Penny				
6. Thumb Tack				
7. Folder				
8. Index Card				
9. Calculator				
10. Marker				

Analysis Questions: use complete sentences

1. Why should your balance read **zero** before you place an object on the triple beam balance?
