Becoming a Mass Expert Lab

Name _____
Date _____
Per. _____

Mass is: _____

Question: _____

Hypothesis: _____

_____

Estimate the mass of each object and then check your estimate with the balance.
Record your data in the table below.

Object	Estimated Mass (g)	Actual Mass (g)	Estimates RO = right on L = Low H = High	Number least mass to greatest	Color
					Sky blue
					Red-orange
					green
					red
					blue
					orange
					violet
					Yellow-green
					black
					yellow
					pink
					brown

Conclusion: Answer the following:

A.   Answer the question by listing the six steps describing how to accurately
      use a triple beam balance.

1. _____

2. _____

3. _____

   _____

4. _____

5. _____

6. _____

B.   How close were your estimates to the actual mass measured.

      How many objects did you estimate mass too high?   _____

      How many objects did you estimate mass too low?   _____

      How many objects did you estimate mass exactly?   _____

C.   What was the object with the greatest mass?   _____

      What was the mass in grams?   _____

      What was the object with the least mass?   _____

      What was the mass in grams?   _____

D.   Create a bar graph of the twelve different items on the front. Organize them
      from least to greatest mass.