"Peel" Away

Purpose: To determine the average portion. (percentage) of a banana that is edible.

Materials: electronic balance, 2 pieces waxed paper, banana, calculator.

Procedure:

What Part of a Banana is EDIBLE?

1. Place one piece of waxed paper on the pan of the scale.

2. Press **ReZero** to subtract the mass of the waxed paper .

3. Place the whole, **unpeeled** banana on the waxed paper on the scale and record the total mass of the banana in grams (g).

TOTAL MASS _____ g

4. Peel the banana. Measure and record the mass of just the peeling (g).

MASS OF PEELING _____ g

5. Subtract the mass of the peeling from the total mass to determine the mass of the edible part.(g).

MASS OF EDIBLE PORTION _____ g

6. To determine the ratio that is edible, divide the edible portion by the total mass (Your answer will be a decimal.).

$$\frac{\text{Edible portion}}{\text{Total mass}} \quad \frac{\text{_____ g}}{\text{g}} = \text{_____}$$

7. To determine the **percentage** that is edible, multiply the ratio above by 100

Ratio _____ X 100 = _____ %