

Measuring Mass in Grams

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Understanding Balance Scales and Estimation

Name: _____

Date: _____

Answer the following questions based on what you learned about measuring mass in grams.

1. What is the main unit we use to measure mass in this lesson?

- A. Pounds
- B. Grams
- C. Ounces

2. A balance scale helps us compare weights ____ (fill in the blank).

3. Why is it important to be precise when measuring mass?

4. What might weigh about 10 grams? Choose the best option.

- A. A small paperclip
- B. A textbook
- C. An apple

5. Match the item to its estimated mass in grams.

Pencil

20 grams

Water bottle

500 grams

6. Estimating helps us guess the weight before ____ (fill in the blank).

7. What does Proverbs 11:1 teach us about measurement?

8. Which tool do we use to measure mass?

- A. Ruler
- B. Thermometer
- C. Balance scale

9. Grams are a ____ unit for measuring mass (fill in the blank).

10. How can we check our weight guesses?

Answer Key

1. Grams 2. precisely 3. Precision ensures we get accurate measurements, which is important for experiments and cooking. 4. A small paperclip 5. 20 grams 6. measuring 7. It teaches us that God values honesty and accuracy in measurement. 8. Balance scale 9. metric 10. We can use a balance scale to measure the actual weight to see if our guess was correct.