



## Subtraction in Science - Measurement and Mass

Grade 4

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

Subtract measurements. Include units in your answers.

**Example:** A beaker contained 500 mL of water. After an experiment, 120 mL evaporated. How much water is left?  
Answer: 380 mL.

- (1) A geological sample initially weighed 8,750 grams. After a purification process, it weighed 6,325 grams. How many grams of impurities were removed? 🗑️

\_\_\_\_\_

- (2) A plant grew from an initial height of 125.5 centimeters to 280.2 centimeters. How many centimeters did the plant grow? 🌱

\_\_\_\_\_

- (3) A large beaker contained 12,500 milliliters of a solution. A chemist used 4,875 milliliters for an experiment. How much solution is left in the beaker? 🧪

\_\_\_\_\_

- (4) A drum filled with a chemical compound weighs 9,876 kilograms. The empty drum weighs 1,234 kilograms. What is the weight of the chemical compound?



\_\_\_\_\_



(5) The total distance to a newly discovered asteroid is 75,000 kilometers. A space probe has already traveled 38,250 kilometers. How many more kilometers does the probe need to travel? 🚀

---

(6) A research facility's water reservoir holds 15,000 liters. If 7,500.5 liters were used for experiments, how many liters remain? 💧

---

(7) A geological core sample measures 500 meters in length. If scientists have analyzed 125.75 meters of the sample, how many meters are left to analyze? 🪓

---

(8) In a biology lab, a bacterial culture sample weighs 2,345 grams, and a fungal culture sample weighs 1,870 grams. What is the difference in weight between the two samples? 🍄

---

