

Name \_\_\_\_\_



## Grade 4 Measurement Word Problems

1. Pencil Case Weight: Lily's pencil case weighs 250 grams, and Tom's pencil case weighs 150 grams. How much heavier is Lily's pencil case compared to Tom's?
2. Liquid Volume: A jug contains 2 liters of water, and a glass contains 250 milliliters of water. How much more water does the jug hold compared to the glass?
3. Book Length: Sarah's book is 25 centimeters long, and Jack's book is 35 centimeters long. How much longer is Jack's book compared to Sarah's?
4. Time Duration: Sarah's favorite TV show starts at 7:30 PM and ends at 8:15 PM. How long does the TV show last?
5. Fruit Basket Weight: A fruit basket weighs 2.5 kilograms. If Emma places 1.75 kilograms of apples in the basket, how much more fruit can she add?
6. Distance Measurement: The school is located 2.5 kilometers away from Tim's house. If he walks to school and back home in one day, how far does he walk in total?
7. Temperature Change: The temperature in the morning was 15 degrees Celsius, and in the afternoon, it dropped to 8 degrees Celsius. How much did the temperature decrease?
8. Rope Length: A rope measures 6 meters long. If we cut it into pieces that are 80 centimeters each, how many pieces can we make?
9. Vegetable Harvest: In the garden, we harvested 4 kilograms of tomatoes, 1.5 kilograms of cucumbers, and 2.75 kilograms of carrots. How much produce did we harvest in total?
10. Height Comparison: James is 145 centimeters tall, and Emily is 1.3 meters tall. Who is taller, and by how much?