

Top Secret Measurement Mission!

Agent Name: _____

Date: _____

Mission Briefing: Welcome, Agent! Your mission is to use your trusty ruler to investigate the room. Find objects that match the secret dimensions below.

Remember **the Golden Rule:** Always line up the "0" mark on your ruler with the edge of the object!

Part 1: The Imperial Investigation (Inches)

Directions: Find an object in the room that fits the description. Write down what the object is, and then measure its exact length to the nearest inch.

1. Find something that is short and handy.

Target: Between 2 and 4 inches long.

What object did you find? _____

Exact Measurement: _____ inches

2. Find a tool used for writing or drawing.

Target: Between 5 and 7 inches long.

What object did you find? _____

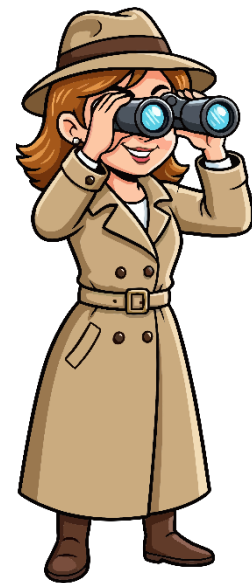
Exact Measurement: _____ inches

3. Find something you can read.

Target: Longer than 8 inches.

What object did you find? _____

Exact Measurement: _____ inches



Part 2: The Metric Mission (Centimeters)

Directions: Flip your ruler over to the metric side! Find objects that match the centimeter targets below.

4. Find a small piece of classroom or household supply (like an eraser or paperclip).

Target: Exactly 3 centimeters long (or very close!).

What object did you find? _____

Exact Measurement: _____ cm

5. Find something flat on a desk or table.

Target: Between 10 and 15 centimeters long.

What object did you find? _____

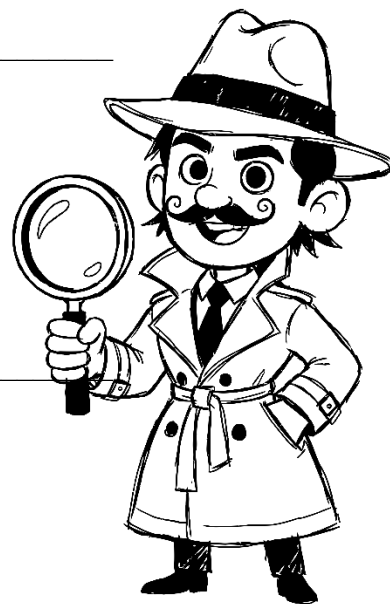
Exact Measurement: _____ cm

6. Find something that belongs on a shelf.

Target: Taller than 20 centimeters.

What object did you find? _____

Exact Measurement: _____ cm



Part 3: Agent Challenge Question

Directions: Look closely at your ruler to solve the ultimate riddle.

7. Which unit of measurement is smaller? (Circle one)

[] 1 Inch

[] 1 Centimeter

Mission Status: [] ACCURATE [] NEEDS RE-MEASURING

Chief Inspector Signature: _____
(Parent or Teacher)



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