

Measuring with Bo: Length, Mass & Area

Measuring and comparing with scaled units



"Let's dig in and measure!" says Bo. "Pick the right tool, read the scale carefully, and always say the *unit* — centimetres, grams, litres."

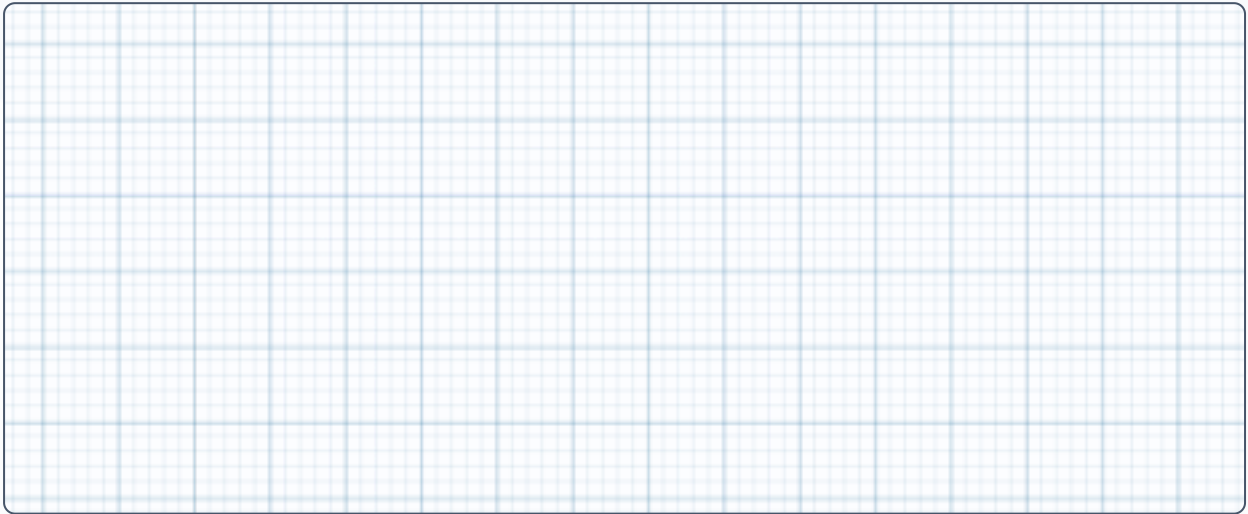
Units to remember: $100\text{ cm} = 1\text{ m}$ • $1\,000\text{ mL} = 1\text{ L}$ • $1\,000\text{ g} = 1\text{ kg}$. To measure area by informal units, count how many same-size squares cover the shape.

1. A log is **1 m 35 cm** long. How many centimetres is that? _____
2. Put these lengths in order, shortest first: 90 cm, 1 m, 45 cm, 2 m.

3. Bo's bucket holds **2 litres**. He pours in 750 mL of creek water. How much more fits?

4. Two gumnuts balance the scale against one acorn. If a gumnut is **5 g**, what is the acorn's mass? _____

5. Bo covers a leaf with square tiles to find its area. Count the squares (count a half-or-more square as 1) and write the area in square units.



Area $\approx$ _____ square units

6. Which is the better tool to measure the creek's width: Bo's paw, or a metre tape? Explain why.
