Read and compare measurements

Measurement · VC2M4M01

Choose a tool and unit, then read the scale carefully.

Read the unnumbered marks (mL)



5 equal spaces: 100 ÷ 5 = 20 mL per space

Arrow: 3 × 20 = 60 mL

☆ Choose tools and units

Length: ruler/tape (mm, cm, m). Mass: scales (g, kg).
Capacity: jug (mL, L). Temperature: thermometer (°C).
Duration: clock or timer (seconds, minutes, hours).

☆ Read every scale carefully

One interval = (higher label − lower label) ÷ spaces.
0 to 100 in 5 equal spaces: 100 ÷ 5 = 20 mL per space.
Halfway between 40 mL and 60 mL is 50 mL.

☆ Compare in the same unit

1 cm = 10 mm; 1 m = 100 cm; 1 km = 1,000 m.
1 kg = 1,000 g; 1 L = 1,000 mL; 1 min = 60 s.
Digital scales: 1.25 kg = 1,250 g, more than 950 g.

☆ Measure, record and compare

Measure 2 objects or events with suitable scaled and digital tools.
Compare: 750 mL < 1 L; 90 s > 1 min; 25 °C > 20 °C.
Record units and part units; explain your tool and unit choices.

Remember...

Start a ruler at zero, not at its edge.
Count the equal spaces between marks, not the marks.