



ADULT GUIDE · KEEP THIS PAGE

Measure and record with units

England national curriculum · Year 1 · measurement

What this pack helps with

Measure and record length, height, mass, capacity and duration by counting equal pictured units from a clear zero or empty starting point.

Start here

The child can count reliably to 10 and understands that a fair measure uses equal units with no gaps or overlaps.

Use a pencil and, when available, equal cubes, cups and a simple balance. Count each complete unit once and write the unit name with the number.

Print and use

Print A4 at actual size (100%). Child pages: **2-6**. Answers and feedback: **7**. Colour is optional; every task works in black and white.

Model page 2 together. Ask the child to point to the starting point or equal units before answering. Accept spoken reasoning and scribe when writing is the barrier.

What to try next

Leaves gaps between units	Touch each equal unit to the next and start at the object edge.
Counts boundary lines instead of units	Point inside each complete unit and count the spaces.
Changes unit size	Use identical cubes or cups throughout one measurement.
Works confidently	Measure the same object with a different equal unit and explain why the number changes.

Scope and source

Introductory measuring with equal pictorial or practical units. It does not claim standard-unit accuracy, calibrated scales, clock reading or independent practical mastery. Based on DfE Year 1 mathematics and primary mathematics guidance (England; OGL v3.0). Original TheLearnDen tasks and artwork; not an official assessment. Free to print and share.

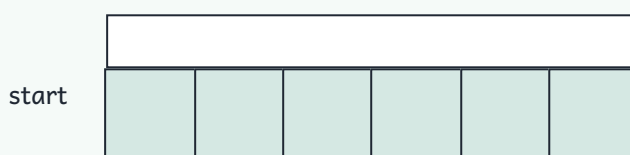


Measure and record with units

Name: _____ Date: _____

Try it together

Place equal cubes end to end from the object's starting edge. Six cubes means the object is 6 cubes long.



Count the equal spaces, not the lines.

Say the rules

Start at the **same place**.

Use **equal units**.

Leave **no gaps**.

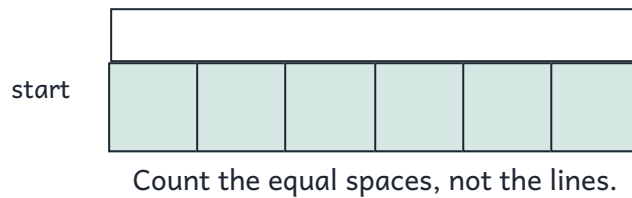
Count each **space once**.



PRACTISE WITH SUPPORT · MEASUREMENT

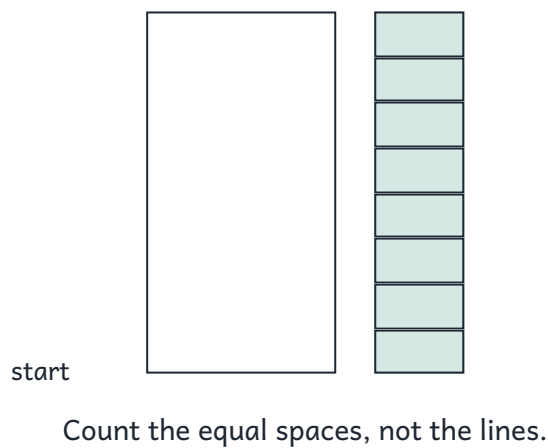
Measure length and height

1 How many equal units long is the strip?



equal units

2 How many equal units high is the tower?



equal units



PRACTISE WITH SUPPORT · MEASUREMENT

Measure mass

3 How many equal unit weights balance the object?



Each square is one equal unit weight.

unit weights

4 How many equal unit weights balance the object?



Each square is one equal unit weight.

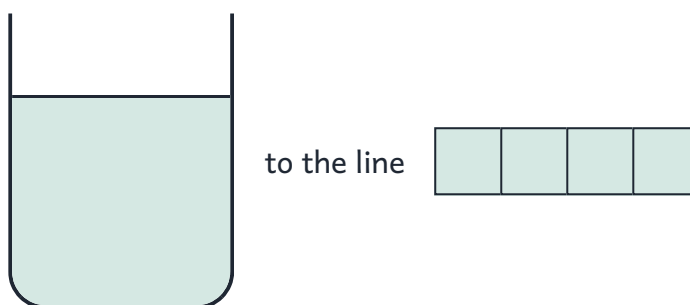
unit weights



PRACTISE WITH SUPPORT · MEASUREMENT

Measure capacity

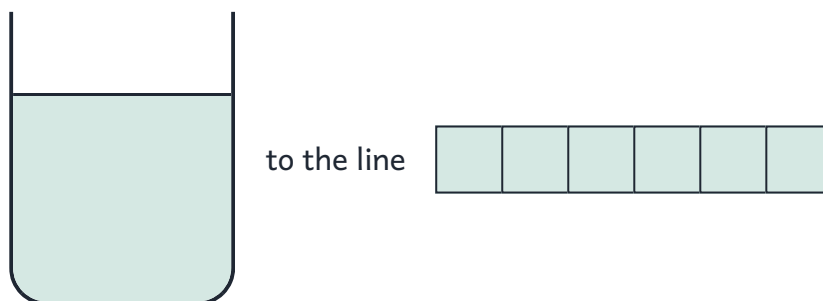
5 How many equal cups reach the marked line?



Each square stands for one equal cup poured to the marked line.

cups

6 How many equal cups reach the marked line?



Each square stands for one equal cup poured to the marked line.

cups



REASON AND RECORD · MEASUREMENT

Measure time and record

7 How many equal time units does the activity take?

activity

Each box is one equal time unit.

 time units

8 Count each set of equal units.
Record all four measures in the table.

length

mass

capacity

time

length	mass	capacity	time



ADULT ANSWER GUIDE

Answers and next steps

Ask the child to point to the evidence: aligned ends, equal reference weights, container capacity or equal units. Record support; this is teaching practice.

- 1** **6.** The strip contains six complete equal units from the starting line.
Accept the independently checked answer and a pointing, drawing or spoken explanation using the named measure.
- 2** **8.** The tower reaches eight equal units above the baseline.
Accept the independently checked answer and a pointing, drawing or spoken explanation using the named measure.
- 3** **5.** Five equal unit weights balance the object.
Accept the independently checked answer and a pointing, drawing or spoken explanation using the named measure.
- 4** **7.** Seven equal unit weights balance the object.
Accept the independently checked answer and a pointing, drawing or spoken explanation using the named measure.
- 5** **4.** Four equal cups fill the jug to the marked line.
Accept the independently checked answer and a pointing, drawing or spoken explanation using the named measure.
- 6** **6.** Six equal cup units fill the container to the marked line.
Accept the independently checked answer and a pointing, drawing or spoken explanation using the named measure.
- 7** **5.** The event spans five equal time units.
Accept the independently checked answer and a pointing, drawing or spoken explanation using the named measure.
- 8** **length: 7, mass: 4, capacity: 5, time: 6.** Record 7 length units, 4 mass units, 5 cup units and 6 time units.
Accept all four numbers with their matching unit type.

My practice trail



One thing to practise next: _____