

W3L3 | Find the first faulty step

Friday | 09:30–10:10 | Do | Editable pupil sheet

Name: _____ Date: _____

Core first. Write, speak, point or dictate your own words. Keep the first attempt so you can improve it.

Optional support: Check the units first. Then check the calculation. For a scale bar, count how many bar lengths fit the cell image.

Work together

Read the stated measurements. This route does not depend on the printer scale.

1. A cell image is 48 mm long; the actual cell is 80 μm . Sam writes $48 \div 80 = \times 0.6$. Identify and repair the error.

2. A printed scale bar represents 20 μm . It measures 10 mm on the paper; the cell measures 25 mm. Calculate the cell's actual length.

W3L3 | Continue and improve

Use after the core questions when directed

3. The print is enlarged to 200%. Explain what changes and what stays the same.

Optional transfer

Two pupils judge the same fuzzy image edge differently. Suggest a sensible reporting choice.

Depth: name an assumption or limit, then say what evidence would strengthen your answer.

Improve the same work

One correction I made, and why:

My request for next time: _____