

W3L3 | Find the first faulty step

Friday | 09:30–10:10 | Do | Depth route

Name: _____ Date: _____

Core first. Your teacher will select the questions that fit this lesson. Write, speak, point or dictate your own words. Keep your first attempt so you can improve it.

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

Depth route | Use after the core questions when directed

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

Transfer challenge

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

Go deeper: State a limitation, assumption or condition in your explanation. Say what extra evidence would make it stronger.

Improve the same work

One correction I made, and why:

My request for next time: _____