A tiling pattern with a rule

How can a repeated shape cover a region without gaps or overlaps?

My region and tile

Label the 6-by-4 region and a two-square domino.

My placement rule

Mark tile boundaries. How did I check for gaps and overlaps?

Two counts

Count tiles by rows or columns, then check their total area.

What my evidence shows

Which region have I covered? What would need a new check?

Keep it, change it or leave it here. Sharing is optional.

Two charts from the same invented table

Which display choices change an impression without changing the values?

My fictional table

Record all three values and label them invented.

My two scales

State each count-axis range and equal step size.

A numerical check

Find C - A on both charts. Did the underlying result change?

My display choice

Which display helps my stated purpose, and which labels must stay visible?

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Show one fraction two ways

What must stay the same for two fraction pictures to be equivalent?

My whole

Label what counts as one whole in each picture.

My equal parts

Show four equal parts and eight equal parts. State what each part represents.

My equivalence

Mark the shaded parts and explain 3/4 = 6/8 with a calculation or matching endpoints.

Proportion or amount

Explain why 3/4 of 12 cm and 3/4 of 8 cm have different lengths without being different fractions.

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