Check F later

Year 11 Biology · fresh later

F later page · The missing conditions

Complete later source F

F's first geometric model used edges 3 mm and 6 mm and an imposed layer 0.5 mm deep at 2 minutes. Those dimensions and layer values remain unchanged. For this supplied interval, the layer starts at depth d_start = 0 mm when t_start = 0 min. Average front speed = Δdepth/Δtime = (d_end − d_start)/(t_end − t_start). This is the model's interval average, not a constant future speed, intrinsic diffusion coefficient or molecular flux.

The separate endpoint-time file lists A: 40, 44, 48 s and B: 88, 92, 96 s, with the same stated material, external solution and endpoint rule. Additional model-plan notes now state that A's temperature was set at 20°C and B's at 30°C, and stirring was not standardised. No actual experiment or learner investigation has occurred.

Complete later task F

Review the endpoint-time conclusion in a second response. State whether you keep an already cautious claim or revise an overstatement, and explain why. Give the numerical comparison that remains valid, identify the temperature/stirring confounds, and describe an improved size comparison with a defined dependent measure and independent repeats. Name one geometric result that remains unchanged. Do not claim the notes prove the entire time difference is caused by temperature, stirring or size.

Your explanation · words, directed marks or a sketch

KEEP or revise · reason
Unchanged result
Information / improvement needed