

Find the Gap Before the Labels Leave

Reconcile numbered label batches against a declared inclusive sequence

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SAMPLE

Unpublished review edition. New product terms and checkout are not approved.

Start with one bounded decision

Three packing slips each show a plausible start and end number, yet their combined range repeats 104 and omits 109. Adding batch lengths yields the expected total and hides the error. This workbook treats the run as a set of individual integers, then checks how often each expected number is represented. The arithmetic exposes a gap that a total alone cannot diagnose.

People reviewing numbered print or file batches before packing them for delivery.

Audit batch ranges for missing numbers, duplicate coverage and numbers outside the intended run. Includes editable range templates, a local checker and an intentionally broken label sequence.

One method to try

Declare the run independently

The required sequence lives in `run.csv`, separate from the batch list. Both start and end are inclusive: 101 through 110 contains ten labels. Copy the approved run bounds rather than deriving them from whatever batches happened to arrive. If the run changes, preserve the old plan and explain the revision in the decision worksheet.

Sample boundary

This sample stops here. The full review package contains the input dictionary, worked case, calculator instructions, controlled-change exercise, answer key and reusable CSV templates.