

KitForma.

PRACTICAL FIELD GUIDE

One Design, Checked Print Sizes

Create related A4 and Letter masters without silently shrinking
the work

01

02

03

SAMPLE EDITION

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How to use this guide

Creators preparing their own printable worksheets, planners or reference sheets in more than one paper size.

An original geometry workbook built around two actual SVG worksheet masters, a 100 mm calibration line, export arithmetic, a deliberate scaling mistake and an answer key. Learn which dimensions should stay fixed and how to document a physical proof without claiming a printer test you have not performed.

- Separate page dimensions, content dimensions, pixels and print scaling.
- Place one 190 × 250 mm content region on two different page sizes.
- Calculate a conservative raster export size from explicit PPI and rounding rules.
- Recognize the difference between fitting an entire page and reflowing a layout.
- Prepare a versioned proof and buyer-size decision record.

Scope and limitations

- The included SVG masters are original learning worksheets, not a finished marketplace product collection.
- No commercial print certification, universal printer compatibility or color-accuracy guarantee is supplied.
- Physical print checks remain your own device-specific test; local geometry checks do not prove a printed measurement.
- This is about source-size mastering; it does not provide marketplace sales or ranking advice.

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01

Decide what should stay the same

A multi-size printable is not simply one file with several names. The creator must decide which properties belong to the product and which may adapt to the page. Our original Harbor Tasks worksheet contains a title, three working sections and a calibration line. Its main content region is 190 millimeters wide and 250 millimeters high. We will place that region on two page sizes without changing its physical dimensions.

The exercise uses an A4 page measuring 210 by 297 millimeters and a Letter page measuring 215.9 by 279.4 millimeters. These pages differ in both width and height. A layout that uses nearly all of the taller page cannot move unchanged into the shorter page merely because both are familiar office paper. Start with the actual dimensions rather than the labels people use casually.

Write a consistency promise. For Harbor Tasks, the writing area, label sizes and 100 millimeter calibration line stay the same across both masters. Outer margins may differ. This makes the two versions useful for buyers with different paper supplies while preserving the experience of writing in them. Another product might choose different line counts instead; that would need a different promise and different checks.

Keep the content region distinct from the page border. A border can make a worksheet feel finished, but it also creates a visible clipping risk on printers with limited printable areas. Our exercise keeps the important content inside a shared rectangle and does not depend on ink reaching the edge. This is a design choice for the case, not a guarantee about every printer or a substitute for a proof.

The two SVG files are actual original source masters included in the package. They are not screenshots of finished prints. Their width, height and viewBox allow you to inspect the geometry directly. A later raster or PDF export is a new artifact that needs its own checks. Keep that distinction in mind whenever an editor preview looks correct: you are seeing one stage of the delivery, not every later stage.

Sources and tools

[S1] Adobe: PDF print settings

<https://helpx.adobe.com/acrobat/desktop/print-documents/set-up-and-print-pdfs/print-settings.html>

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[S2] Adobe: Image size and resolution

<https://helpx.adobe.com/photoshop/desktop/crop-resize-transform/resize-adjust-resolution/set-image-size-and-resolution.html>

Checked: 2026-10-01

[S3] NIST Special Publication 811

<https://www.nist.gov/pml/special-publication-811>

Checked: 2026-10-01

Print pixels & size

Calculate dimensions with explicit units; it cannot add source detail or establish printed quality.

<https://kitforma.com/en/print-size-calculator/>

Resize PDF pages

Optional proportional fitting experiment. Inspect the new page and changed content scale.

<https://kitforma.com/en/pdf-resize-pages/>

SVG to PNG

Optional raster export of the self-contained learning SVG; verify actual saved pixels and text appearance.

<https://kitforma.com/en/svg-to-png/>

Inside the complete guide

Keep units attached to every calculation

Place a shared content region on both pages

Choose between fitting and redesigning

Set a pixel budget without inventing detail

Use a calibration proof to detect scaling

Review usability as well as dimensions

Name versions so the buyer can choose correctly

Capstone: release the two Harbor Tasks masters

Answer key and a maintainable size system