Foldable Booklet and Drawing Worksheet Page Layout

Original tasks 1, 2, 3, 4 / complete keys

Task 1

A page is 180 mm wide and divided into three equal vertical panels. What is the width of one panel?

Answer: 60 mm.

Reason: Divide the total width by the number of panels: 180 divided by 3 equals 60.

Check: Multiply 60 mm by 3 to get 180 mm, matching the original width.

Task 2

A ruled panel has lines spaced 9 mm apart. How many full line spaces fit in a panel 72 mm tall?

Answer: 8 full line spaces.

Reason: Divide the panel height by the line spacing: 72 divided by 9 equals 8.

Check: Multiply 8 by 9 mm to get 72 mm, matching the panel height.

Task 3

A booklet is made from two sheets, each folded twice to give four panels per side. How many booklet pages result if each panel becomes one page?

Answer: 16 pages.

Reason: Each sheet gives four panels per side and two sides, so eight pages per sheet. Two sheets give 16 pages.

Check: Count panels on one unfolded sheet: four per side times two sides equals eight. Double for two sheets.

Task 4

A drawing panel is 85 mm wide and 110 mm tall. A border is drawn 5 mm inside each edge. What are the inner width and height of the drawing area?

Answer: Inner width 75 mm, inner height 100 mm.

Reason: Subtract twice the border from each dimension: 85 minus 10 equals 75; 110 minus 10 equals 100.

Check: Add 5 mm to each side of the inner dimensions: 75 plus 10 equals 85; 100 plus 10 equals 110.

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Source rubric / reflection

- [ ] Fold guides are dashed and cut guides are solid and clearly distinguishable.
- [ ] One panel is designated as the drawing area with a visible border.
- [ ] Ruled writing panels include a baseline and a midline for x-height reference.
- [ ] The baseline-to-midline distance is consistent across ruled panels.
- [ ] Letter styles may vary; assessment checks baseline and midline use, not a single shape.
- [ ] Panel count and page order are correct after assembly.
- [ ] Printed measurements are checked with a ruler and recorded.

Reflection: What did you check, what did you change, and what will you try next?