Printable A5 College-Ruled Paper: Layout, Trim Guide, and Handwriting Checks

Original tasks 1, 2, 3 / complete keys

Task 1

An A5 page is 210 mm high. Use a hypothetical pitch of 6.0 mm with 2.0 mm top and bottom margins. How many writing intervals fit?

Answer: 34 intervals.

Reason: Usable height = 210 - 2.0 - 2.0 = 206 mm. Intervals = floor(206 / 6.0) = floor(34.33) = 34. Check: 34 × 6 = 204 mm, which fits within 206 mm; 35 × 6 = 210 mm, which exceeds the usable height.

Check: Recompute 210 - 2 - 2 = 206, then divide by 6 and take the whole number below. Confirm with 34 times 6 = 204, which is less than 206, and 35 times 6 = 210, which exceeds 206.

Task 2

A hypothetical margin line is 20 mm from the left edge of a 148 mm wide A5 sheet. What writing width remains to the right edge?

Answer: 128 mm.

Reason: Subtract the margin distance from the width: 148 - 20 = 128 mm. This is simple arithmetic and uses consistent units.

Check: Add the margin back: 128 + 20 = 148 mm, matching the sheet width.

Task 3

On a line with a 7.1 mm pitch, a writer places x-height letters so their tops sit 3.0 mm above the baseline. Is this within the convention if the midline is at 3.55 mm? Explain using the baseline-to-midline rule.

Answer: Yes, it is a valid alternative if it is consistent and legible. The midline is at 3.55 mm, and 3.0 mm is slightly below it; the convention allows variation as long as the baseline and midline relationship is clear.

Reason: The x-height convention measures from baseline to midline, but letter styles vary. A top at 3.0 mm is 0.55 mm below the midline, which is a small consistent offset rather than a violation.

Check: Compare 3.0 mm with 3.55 mm and note the difference. Check that other x-height letters in the same sample use a similar offset and remain legible.

Printable A5 College-Ruled Paper: Layout, Trim Guide, and Handwriting Checks

Original tasks 4 / complete keys

Task 4

An A4 sheet is 210 mm by 297 mm. An A5 rectangle is placed in one corner at 148 mm by 210 mm. What are the widths of the two leftover strips?

Answer: 62 mm and 87 mm.

Reason: Subtract the A5 dimensions from the A4 dimensions: 210 - 148 = 62 mm, and 297 - 210 = 87 mm. These are arithmetic differences, not printer tolerances.

Check: Add each strip back to the A5 dimension: 148 + 62 = 210 mm and 210 + 87 = 297 mm, matching the A4 size.

Printable A5 College-Ruled Paper: Layout, Trim Guide, and Handwriting Checks

Source rubric / reflection

- [ ] A5 finished size is stated as 148 mm by 210 mm and used consistently.
- [ ] Line pitch and margins are labelled as hypothetical examples and measured in millimetres.
- [ ] The number of writing intervals is computed with simple arithmetic and matches the chosen values.
- [ ] The margin line is present and described as lighter than the writing lines.
- [ ] Handwriting checks use baseline-to-midline x-height and allow valid letter-style alternatives.
- [ ] The cut guide from A4 is described with measured strip widths, not invented tolerances.
- [ ] US Letter loose-leaf and wide-ruled variants are excluded.
- [ ] Resource state is accurately described as free but planned, not yet built.

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