Lined Paper for Bookbinding: Wide Binding Margin Sheets

Original tasks 1, 2, 3 / complete keys

Task 1

A sheet is 200 mm wide. The fold line is 10 mm from the inner edge, and the binding margin is 30 mm from the fold line. Calculate the distance from the inner edge to the first ruled line.

Answer: 40 mm.

Reason: Add the fold line distance and the binding margin: 10 mm plus 30 mm equals 40 mm.

Check: Measure 40 mm from the inner edge on a test sheet and confirm the first ruled line starts there.

Task 2

A text area is 120 mm tall. Ruled lines are spaced 8 mm apart, starting 10 mm below the top margin. How many ruled lines fit before the bottom margin if the last line must be at least 10 mm above the bottom edge?

Answer: 13 ruled lines.

Reason: The first line is at 10 mm. Adding 8 mm repeatedly gives 10, 18, 26, 34, 42, 50, 58, 66, 74, 82, 90, 98, 106, 114 mm. The last line must be at least 10 mm above the bottom edge, i.e., at or below 110 mm, so 106 mm is the last allowed line. The count is (106-10)/8 + 1 = 13 ruled lines.

Check: Mark the positions on a strip of paper and count them; confirm the last mark is at least 10 mm above the bottom edge.

Task 3

Two sheets are ruled with 8 mm spacing, but one starts its first line 12 mm below the top margin and the other starts 10 mm below. After folding, will the ruled lines on facing pages align? Explain.

Answer: No, they will be offset by 2 mm.

Reason: The spacing is the same, but the starting positions differ by 2 mm, so every corresponding line is shifted by 2 mm.

Check: Fold both sheets, nest them, and compare the first ruled line on each facing page; measure the offset with a ruler.

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Original tasks 4 / complete keys

Task 4

A signature has three stitch marks on the fold line, spaced 40 mm apart. The fold line is 15 mm from the inner edge. Describe where the stitch marks sit relative to the binding margin and text area.

Answer: The stitch marks sit on the fold line, 15 mm from the inner edge, which is at the boundary of the binding margin and outside the text area.

Reason: Stitch marks belong on the fold line. The binding margin begins at the fold line and extends inward, so the marks are on the boundary, not inside the text area.

Check: Fold the sheet and confirm each stitch mark lies on the crease and not on a ruled line.

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Source rubric / reflection

- [ ] Binding margin is clearly marked and free of ruled lines.
- [ ] Ruled line spacing is consistent across all sheets in the set.
- [ ] Fold line and stitch marks are placed on the binding margin side.
- [ ] Facing pages align when folded and nested.
- [ ] Handwriting is legible; x-height is read from baseline to midline, and valid style alternatives are accepted.

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