Combined Notebook Page: Graph, Ruled, and Staff Zones

Worked example / complete source key

A hypothetical page is 210 mm wide and 297 mm tall with 15 mm margins. Reserve a 20 mm header. Split the body into graph 90 mm, ruled 90 mm, and staff 67 mm. Using 5 mm grid cells and 8 mm ruling, find full rows and lines and any remainders.

Answer: Usable width is 210 minus 30 equals 180 mm; usable height is 297 minus 30 equals 267 mm. Body height after the header is 267 minus 20 equals 247 mm. Zone heights sum to 90 plus 90 plus 67 equals 247 mm, so the split fits. Graph: 90 divided by 5 equals 18 full rows; 180 divided by 5 equals 36 full columns; no remainder. Ruled: 90 divided by 8 equals 11 full lines with 2 mm remainder. Staff: five lines at 2 mm spacing give 8 mm staff height, leaving 59 mm in the staff zone for clearance and annotations.