Blank Calligraphy Guideline Template: Adjustable Slant and x-Height

Worked example / complete source key

Plan a blank guideline template with a 12 mm ascender height, an x-height ratio of 0.5, and a 20° slant from vertical. Calculate the x-height and the offset at the ascender line.

Answer: x-height = 12 × 0.5 = 6 mm. Offset at ascender line = 12 × tan(20°) ≈ 12 × 0.364 = 4.37 mm. Mark a point 4.37 mm to the right at the ascender line for each line starting at the baseline, and connect. The offset is measured at the ascender line relative to the baseline point, and slanted guides extend across the full writing height.