Blank Sheet Music: Stave Counts, Clefs, and Spacing That Work

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

Task 1

State an assumed usable page height and gap, then compute how many single staves fit.

Answer: Conditional on the stated inputs. Example: 210 mm usable height, 20 mm stave height and 10 mm gaps between staves permit 7 staves: 7 x 20 + 6 x 10 = 200 mm <= 210 mm. Eight need 230 mm and do not fit.

Reason: For n staves there are n - 1 between-stave gaps, so n <= (usable height + gap) / (stave height + gap). Round down and verify the occupied height.

Check: Recompute with the stated inputs and confirm the total does not exceed usable height.

Task 2

Draft a grand-staff layout for four systems at 26 mm each with 14 mm gaps and compute total height.

Answer: 4 x 26 + 3 x 14 = 104 + 42 = 146 mm.

Reason: The gap appears between systems only, so there are n - 1 gaps.

Check: Compare ledger-line extent to the 14 mm gap to confirm no collision with the system below.

Task 3

Write a header you add yourself for a treble-only page with eight staves, then judge it against the rubric.

Answer: Example: 'Treble clef, 8 staves, gap 10 mm.' Rubric check: placed outside stave area, clef stated, count stated, wording consistent with the layout.

Reason: A header is a labelling decision, not a standard product feature.

Check: Evaluate each rubric item explicitly and note any missing element.

Task 4

Sketch two valid grand-staff page layouts with different gaps and explain why both are acceptable.
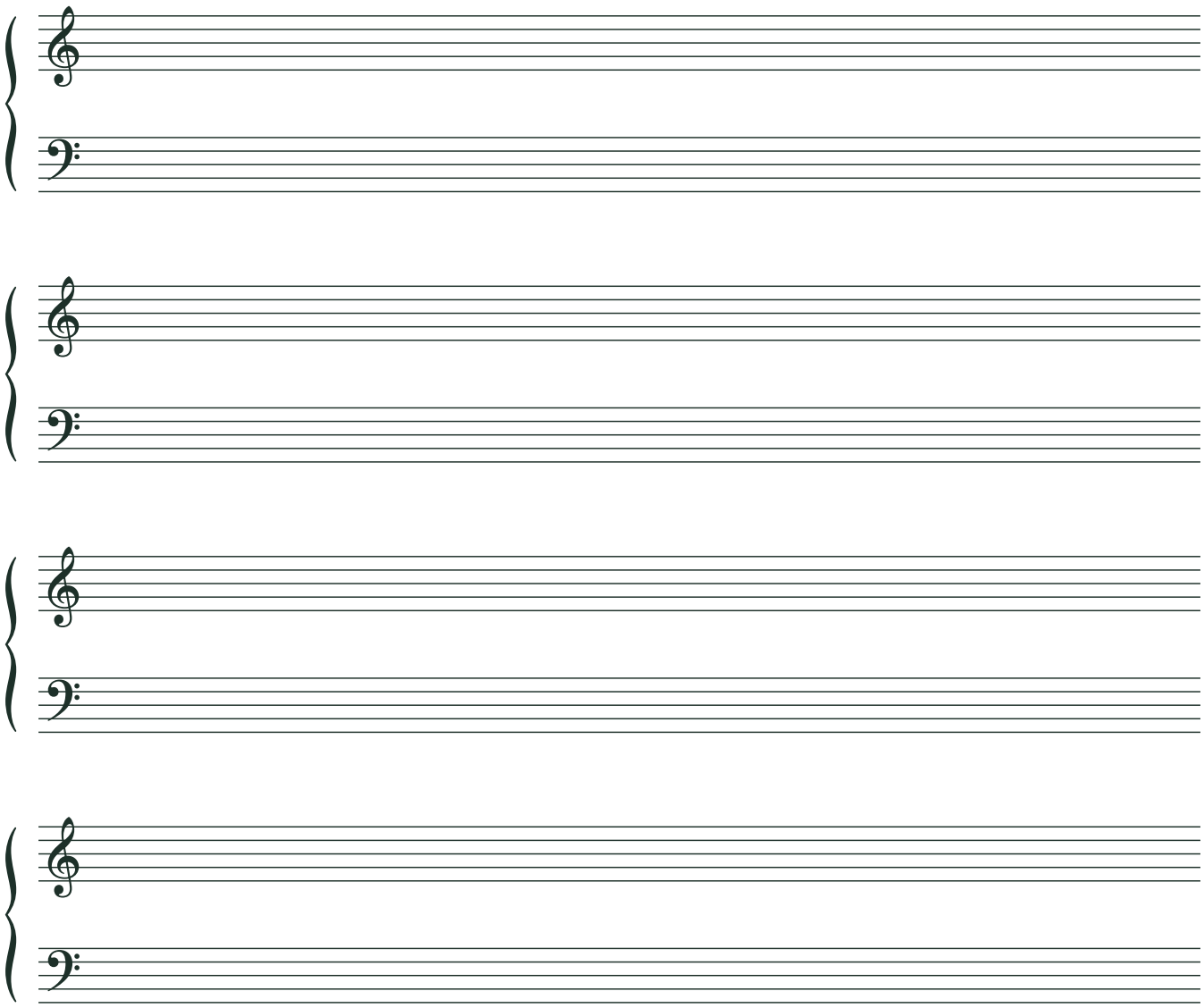
Answer: Both are valid if each fits measured height, clefs are unambiguous, and handwritten ledger lines do not collide. Judged by rubric, not a single correct drawing.

Reason: Art and layout have multiple valid outcomes.

Check: Apply the rubric to each sketch and record which criteria pass.

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Four grand systems / 4 x 26 + 3 x 14 = 146 mm



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Treble clef, 8 staves, gap 10 mm / chosen 8 mm stave height



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Chosen two-system layout / gap 10 mm



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Chosen two-system layout / gap 14 mm



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Source rubric / reflection

- [ ] Stave count is derived from stated usable height, stave height, and gap, with the arithmetic shown.
- [ ] Grand-staff totals use n x S + (n - 1) x G and exclude the trailing gap.
- [ ] Clefs are marked unambiguously on each stave or system.
- [ ] Header wording is placed outside the stave area and states clef choice and count consistently.
- [ ] Handwritten test confirms ledger lines and markings do not collide with the next stave.

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