Staff and Ukulele Tab Paper: Write Melody in Both Notations

Original tasks 1, 2 / complete keys

Task 1

On a hypothetical ukulele in standard reentrant tuning with open pitches G4, C4, E4, and A4 on strings 4, 3, 2, and 1, write a two-measure melody using E4 and F4 as quarter notes, three beats per measure. Transfer to tab and include one quarter rest per measure.

Answer: Staff: E4 on the first line and F4 on the first space; in each measure write two quarter notes (E4 and F4, in either order) plus one quarter rest, totaling three beats. Tab: E4 is string 2 fret 0; F4 is string 2 fret 1. A valid tab row is 0 on string 2, 1 on string 2, rest, repeated with the note order swapped in the second measure.

Reason: Count semitones from open strings: E4 to F4 is one semitone, so fret 1 on string 2, while E4 is open string 2. Two quarter notes plus one quarter rest equal three beats per measure.

Check: Compare each staff pitch with its tab number by counting semitones, then add note values to confirm three beats per measure.

Task 2

A melody uses A4, B4, and C5 as eighth notes, four eighth notes per measure over two measures. Using the hypothetical standard reentrant tuning above (G4, C4, E4, A4 on strings 4, 3, 2, 1), write the staff and tab. Choose any valid string positions and state why.

Answer: Staff: A4 on the second space, B4 on the third line, C5 on the third space; write eighth notes with four per measure. Tab example: A4 as string 1 fret 0; B4 as string 1 fret 2; C5 as string 1 fret 3. A valid row uses 0 on string 1, 2 on string 1, 3 on string 1, and 0 on string 1, repeated.

Reason: Each fret adds one semitone. A4 to B4 is two semitones, and B4 to C5 is one semitone. Keeping the notes on string 1 makes reading easy; alternatives on other strings are valid if the pitch matches.

Check: Count semitones from each open string to confirm pitch, and count four eighth notes per measure to confirm beat totals.

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Original tasks 3, 4 / complete keys

Task 3

Design a four-measure paired system with three beats per measure. Use only C4, E4, and G4 quarter notes and rests. Write the staff plan and a valid tab plan using the hypothetical standard reentrant tuning (G4, C4, E4, A4 on strings 4, 3, 2, 1).

Answer: Staff: C4 on the first ledger line below the staff, E4 on the first line, G4 on the second line; distribute quarter notes and rests so each measure totals three beats. Tab: C4 is string 3 fret 0; E4 is string 2 fret 0; G4 is string 4 fret 0. A valid tab row uses 0 on strings 3, 2, and 4 with rests placed to total three beats per measure.

Reason: Open strings give C4, E4, and G4 directly, so fret 0 is correct on strings 3, 2, and 4. Three quarter-note values or equivalent rests equal three beats.

Check: Verify each measure totals three beats and each tab number matches the staff pitch by open-string comparison.

Task 4

A learner writes G4 as string 4 fret 2 and A4 as string 4 fret 0. Using the hypothetical standard reentrant tuning (G4, C4, E4, A4 on strings 4, 3, 2, 1), identify the error and give a corrected tab for a one-measure melody of G4, A4, G4, A4 as quarter notes with four beats.

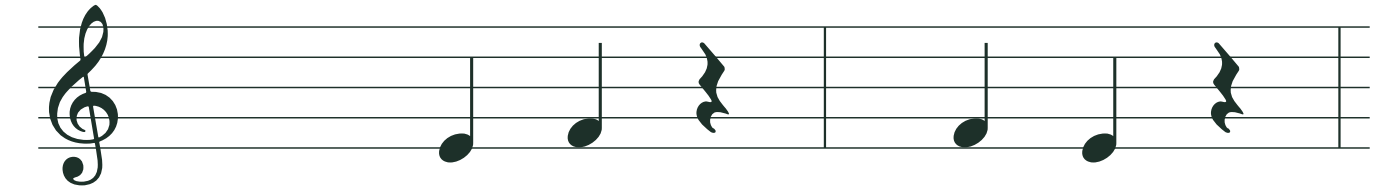
Answer: The error is reversed fret logic: string 4 open is G4, so G4 is fret 0, and string 4 fret 2 is A4, not G4. The learner swapped the fret numbers. Corrected tab: 0 on string 4, 2 on string 4, 0 on string 4, 2 on string 4, all quarter notes totaling four beats. An alternative valid tab for A4 is 0 on string 1, giving 0 on string 4, 0 on string 1, 0 on string 4, 0 on string 1.

Reason: String 4 open is G4, so G4 is fret 0. Two semitones above G4 is A4, so A4 is string 4 fret 2; A4 is also the open pitch of string 1, so 0 on string 1 is a valid alternative. The learner swapped the open and fret 2 positions on string 4.

Check: Count semitones from the open string for each number and add quarter-note values to confirm four beats.

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Two three-beat measures / E4, F4 and one rest each

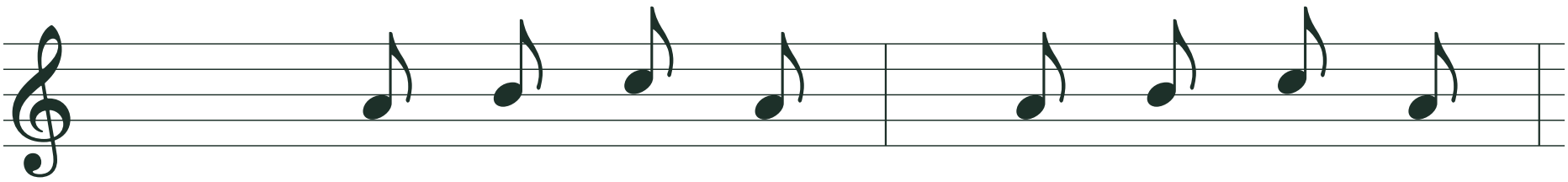


Tab: strings 1 to 4 from top to bottom

	E4	F4		F4	E4	
1						
2	0	1	rest	1	0	rest
3						
4						

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Two measures / four eighth notes per measure

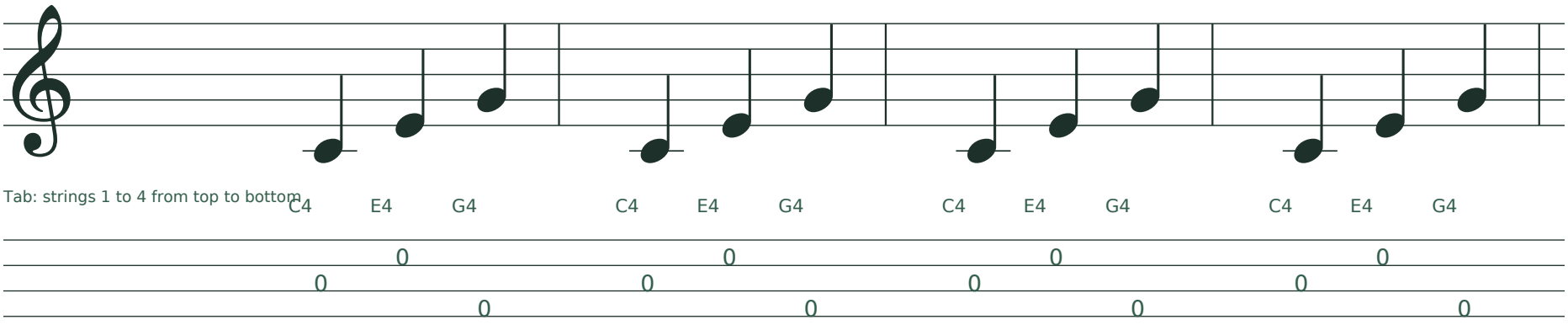


Tab: strings 1 to 4 from top to bottom

	A4	B4	C5	A4	A4	B4	C5	A4
1	0	2	3	0	0	2	3	0
2								
3								
4								

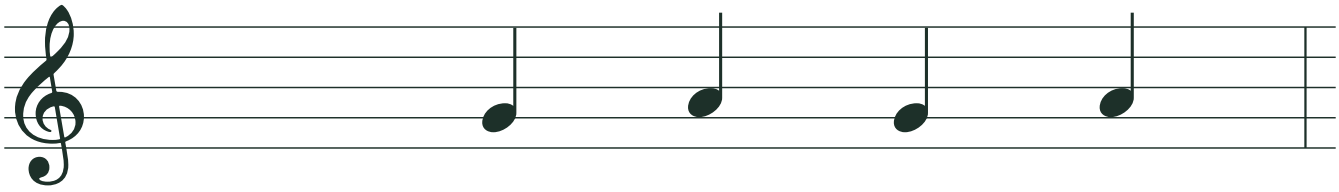
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Four three-beat measures / C4, E4, G4 with matching tab

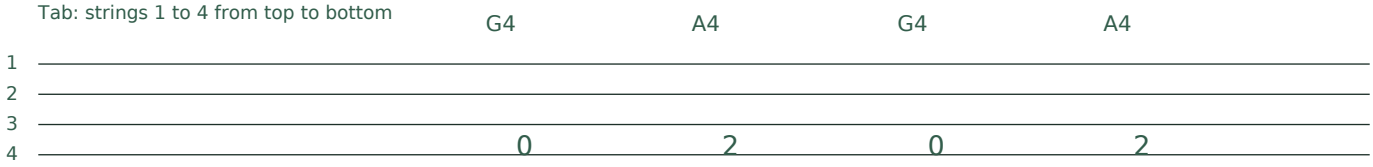


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Corrected string 4 / frets 0, 2, 0, 2



Tab: strings 1 to 4 from top to bottom



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Source rubric / reflection

- [ ] Staff and tab systems are paired and aligned with bar-line guides.
- [ ] Every staff note has a matching tab entry with correct string and fret logic.
- [ ] Beat counts are consistent in each measure across both systems.
- [ ] String labels and clef marks are present and readable.
- [ ] Handwriting follows the x-height convention and accepts valid style alternatives.
- [ ] Measurements of actual paper and instrument are recorded and used.

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