Twelve-Fret Octave Map

Connect the twelfth fret with an octave above the open string.

Name _____ Date _____

In standard tuning, fretting at 12 raises the open-string pitch by one octave. Keep the letter and raise the octave number by one. This task concerns fretted notes, not natural-harmonic technique.

Model	Reference
String 6	Open E2 -> fret 12 E3
String 5	Open A2 -> fret 12 A3
String 4	Open D3 -> fret 12 D4
String 3	Open G3 -> fret 12 G4

Use the model above. Write a brief answer for each item.

1. What is string 6 at fret 12?

2. What is string 5 at fret 12?

3. What is string 4 at fret 12?

4. What is string 3 at fret 12?

5. String 2 is open B3. What is its fret-12 pitch?

6. String 1 is open E4. What is its fret-12 pitch?

7. How many half steps make this octave?

8. Do the letter names change at fret 12?

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Use the model above. Write a brief answer for each item.

1. What is string 6 at fret 12?

E3.

2. What is string 5 at fret 12?

A3.

3. What is string 4 at fret 12?

D4.

4. What is string 3 at fret 12?

G4.

5. String 2 is open B3. What is its fret-12 pitch?

B4.

6. String 1 is open E4. What is its fret-12 pitch?

E5.

7. How many half steps make this octave?

12.

8. Do the letter names change at fret 12?

No. The octave number changes.