Adjacent-String Interval Check

Explain why one pair of strings needs a different fret.

Name _____ Date _____

Standard open strings, low to high: E2-A2-D3-G3-B3-E4. A perfect fourth spans 5 half steps; a major third spans 4. The table shows the fret on the LOWER string that matches the next open string.

Model	Reference
6 -> 5	String 6 fret 5 = open string 5
5 -> 4	String 5 fret 5 = open string 4
4 -> 3	String 4 fret 5 = open string 3
3 -> 2	String 3 fret 4 = open string 2
2 -> 1	String 2 fret 5 = open string 1

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

1. Which adjacent pair is a major third apart?

2. Which fret on string 3 matches open string 2?

3. Which fret on string 2 matches open string 1?

4. What is the interval from open string 6 to open string 5?

5. How many adjacent pairs use a five-fret match?

6. String 3 fret 5 sounds C4. Does it match open string 2?

7. To change that C4 to B3 on string 3, move which way?

8. Why does using fret 5 on every lower string fail?

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

1. Which adjacent pair is a major third apart?

Strings 3 and 2: G3 to B3.

2. Which fret on string 3 matches open string 2?

Fret 4.

3. Which fret on string 2 matches open string 1?

Fret 5.

4. What is the interval from open string 6 to open string 5?

Perfect fourth.

5. How many adjacent pairs use a five-fret match?

4 pairs.

6. String 3 fret 5 sounds C4. Does it match open string 2?

No. Open string 2 is B3.

7. To change that C4 to B3 on string 3, move which way?

Down one fret, to fret 4.

8. Why does using fret 5 on every lower string fail?

The G-to-B pair is a major third, not a perfect fourth.