Guitar Fret Distance Lab

Measure pitch distance on one string.

Name _____ Date _____

On the SAME string, one fret higher raises pitch by one half step. Two frets make a whole step. Fret 0 is open. Stay on one string for every question.

0	1	2	3	4	5	6	7	8

Read from left to right. Adjacent boxes are one half step apart.

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

1. From fret 1 to fret 2: how many half steps?

2. From fret 2 to fret 4: how many half steps?

3. Start at fret 3. Move a whole step higher. New fret?

4. Start at fret 5. Move a half step lower. New fret?

5. From open to fret 3: how many half steps?

6. From fret 6 to fret 2: how many half steps lower?

7. Start at fret 7. Move a whole step lower. New fret?

8. Can you use fret-number subtraction alone across different strings?

Guitar Fret Distance Lab

Measure pitch distance on one string.

Name _____ Date _____

On the SAME string, one fret higher raises pitch by one half step. Two frets make a whole step. Fret 0 is open. Stay on one string for every question.

0	1	2	3	4	5	6	7	8

Read from left to right. Adjacent boxes are one half step apart.

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

1. From fret 1 to fret 2: how many half steps?

1

2. From fret 2 to fret 4: how many half steps?

2

3. Start at fret 3. Move a whole step higher. New fret?

5

4. Start at fret 5. Move a half step lower. New fret?

4

5. From open to fret 3: how many half steps?

3

6. From fret 6 to fret 2: how many half steps lower?

4

7. Start at fret 7. Move a whole step lower. New fret?

5

8. Can you use fret-number subtraction alone across different strings?

No. Different open-string pitches must be considered.