

# Musical Definitions: Half-Steps and Whole Steps

(Note-Names, Numbers and Steps)

JimO

1. Each Piano-Note is Half-Step Up or Down

C  
Root

C#  
Half.Step.Up

C  
Root

Db  
Half.Step.Up

5

C  
Root

B  
Half.Step.Down

C  
Root

Cb  
Half.Step.Down

9 2. Two Half-Steps In a Row reach a Whole-Step

C  
Root

C#  
Half.Step.Up

D  
Whole.Step.Up

C  
Root

Db  
Half.Step

D  
Whole.Step

13

C  
Root

B  
1/2.Step.Down

Bb  
Whole.Step.D.

C  
Root

3. Half-Steps (Semi-Tones) From Middle-C with Flat-Names:

16

B  
1/2

A#  
Whole

C  
Root

Db  
1/2

D  
1/2

Eb  
1/2

E  
1/2

F  
1/2

Gb  
1/2

G  
1/2

Ab  
1/2

A  
1/2

Bb  
1/2

B  
1/2

Root 1 2 3 4 5 6 7 8 9 10 11

4. Half-Steps (Semi-Tones) From Middle-C with Sharp-Names:

20

C  
1/2

C#  
1/2

D  
1/2

D#  
1/2

E  
1/2

F  
1/2

F#  
1/2

G  
1/2

G#  
1/2

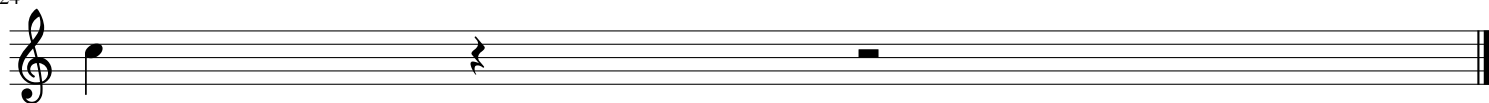
A  
1/2

A#  
1/2

B  
1/2

Root 1 2 3 4 5 6 7 8 9 10 11

24



C  
1/2  
12