



# Sculptlings Music Theory Worksheet

Piano

Bass

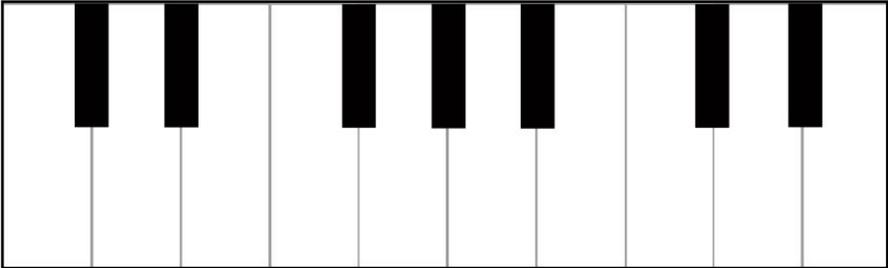
Guitar

Comparing the Piano, Bass and Guitar.

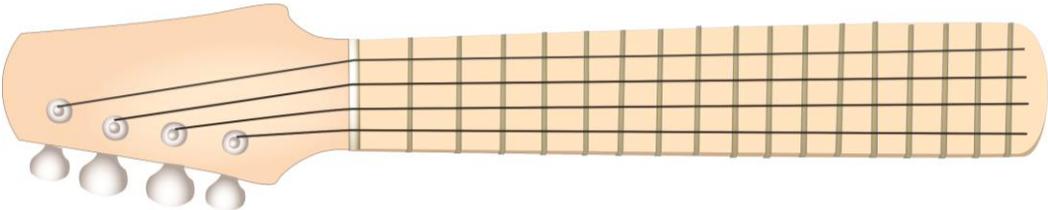
Understanding Whole and Half Steps

How to find the Major Scale on any instrument

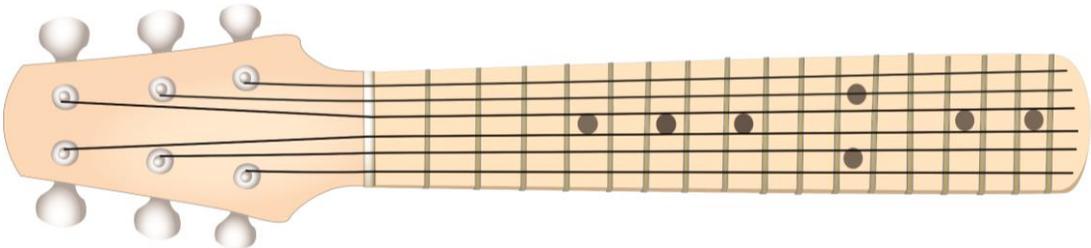
Piano



Bass



Guitar





# Sculptlings Music Theory Worksheet

## Whole and Half Steps

The Bass and Piano are very similar. The notes don't change. The bass just has more strings! We will cover how each string on the bass is like a piano key!

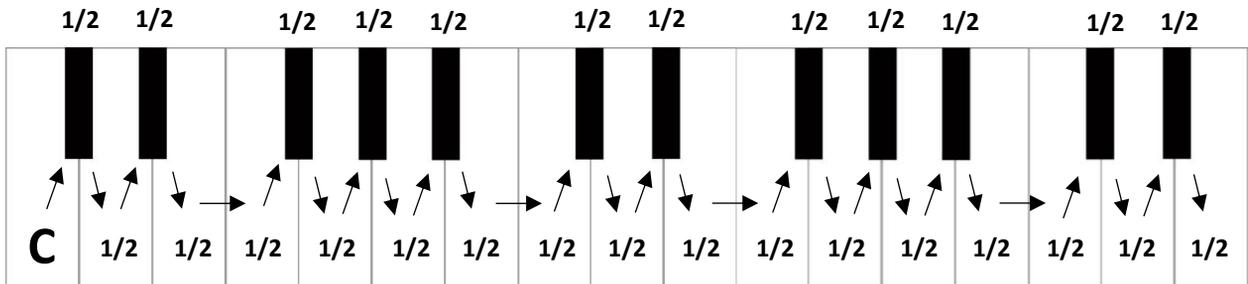
### Sharps and Flats

On both instruments you have sharps and flats. It's easy to see them on the piano because the piano has black and white keys.

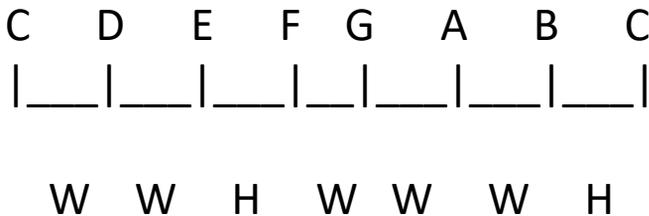
### Half Steps

Each key is a half step next to each other. If you count each key, 2 half's make 1 whole.

### Half Steps Diagram



### Whole and Half Steps Diagram (C Major Scale Example)



#### How to Read It:

- C to D = Whole step
- D to E = Whole step
- E to F = Half step
- F to G = Whole step
- G to A = Whole step
- A to B = Whole step
- B to C = Half step

#### What It Shows:

- Letters = Notes in the C major scale (no sharps or flats)
- Lines = Steps between the notes
- W = Whole Step (2 frets or 2 piano keys apart)
- H = Half Step (1 fret or 1 piano key apart)

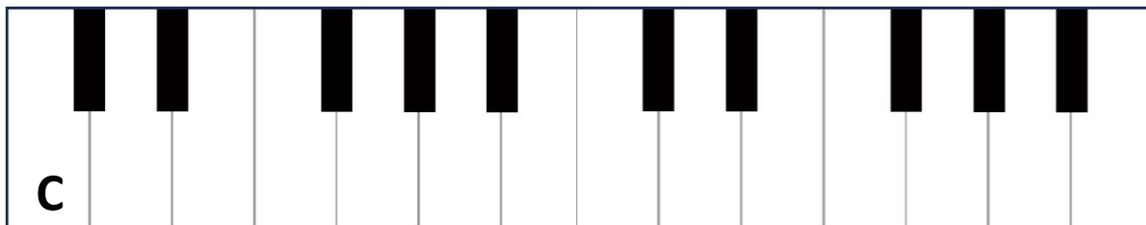


# Sculptlings Music Theory Worksheet

## Whole and Half Steps

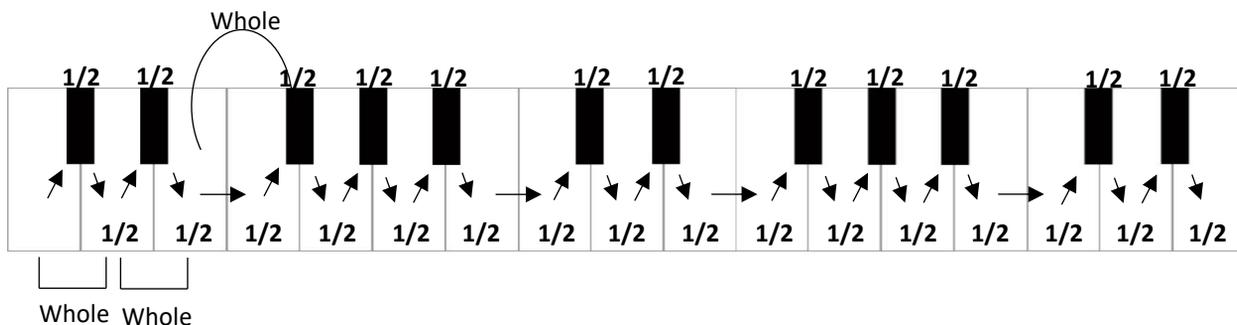
### Exercise 1

Complete the notes on the piano keys below. (Hint: What comes after C?)



### Exercise 2

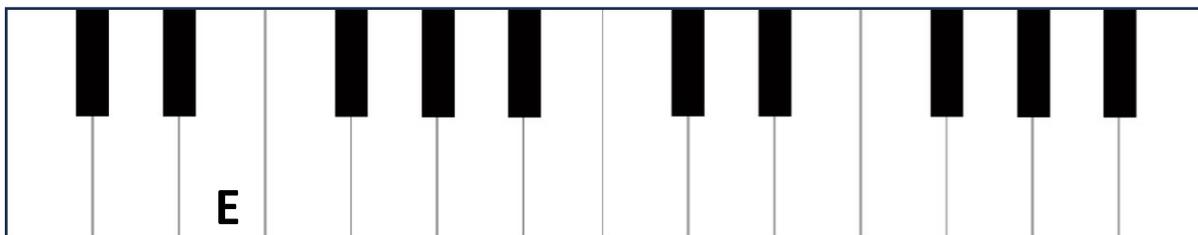
Use the diagram. Count the half notes and draw a line to all the whole notes. The first 3 are done for you



### Exercise 3.

(Complete the Piano Key Notes below. Use the 2 diagrams above to build a Major Scale.)

Follow the W-W-H-W-W-W-H step pattern and write down each note you land on to find the E Major Scale!



E Major Scale.

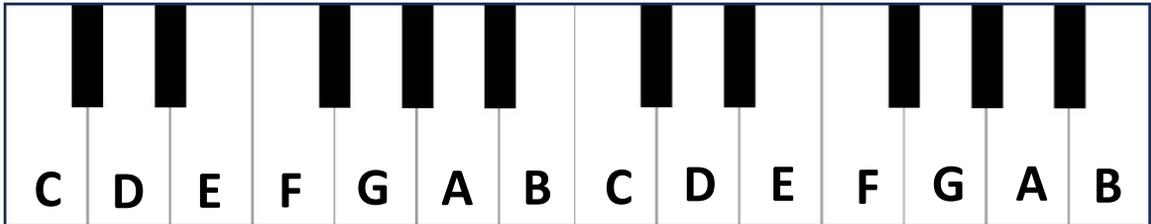


# Sculptlings Music Theory Worksheet Answer Key

## Whole and Half Steps

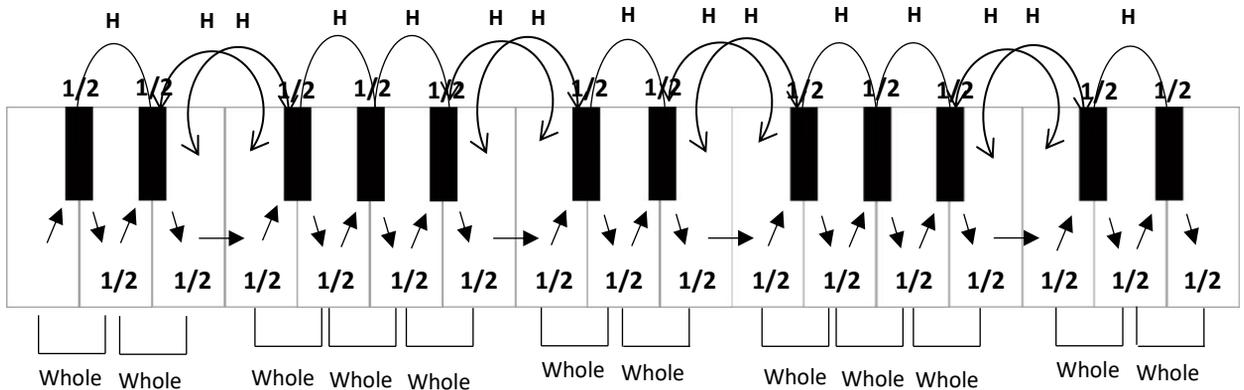
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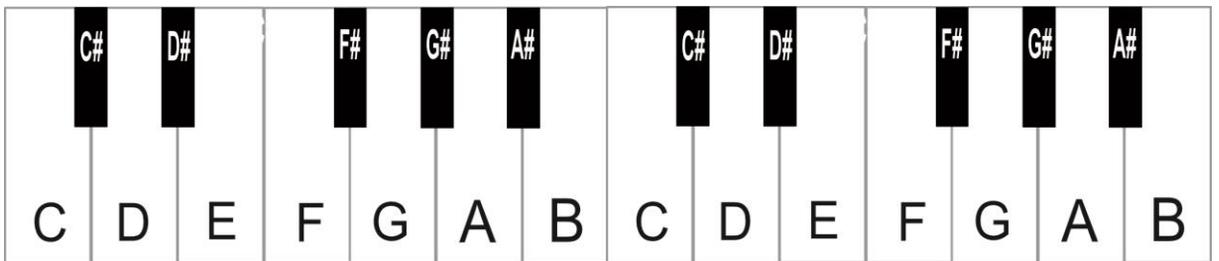
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Follow the W-W-H-W-W-W-H step pattern and write down each note you land on to find the E Major Scale!



E Major Scale.

**E F# G# A B C# D# E**

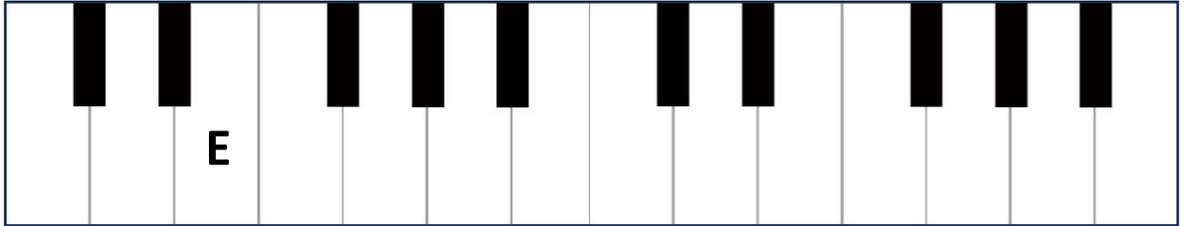


## Sculptlings Music Theory

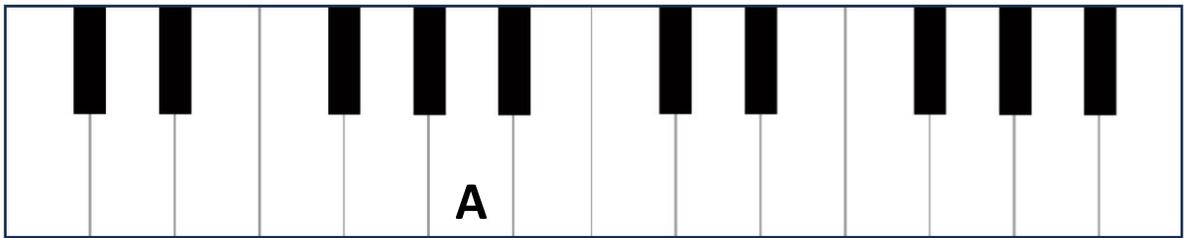
### Using Whole and Half Steps to find the Major Scale

Exercise 4.

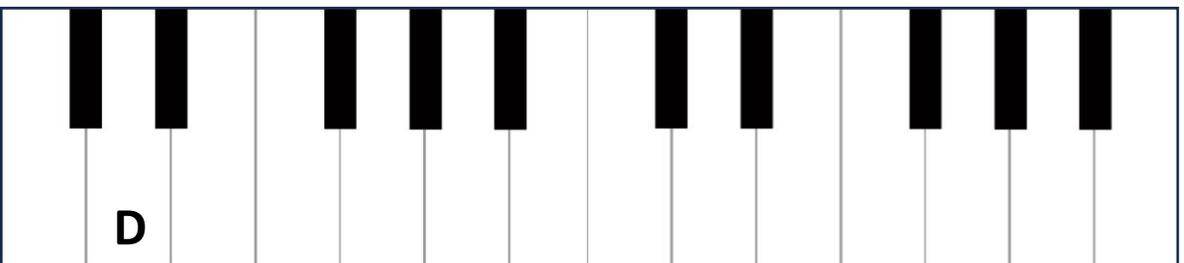
Follow the W-W-H-W-W-W-H step pattern and Write down each note you land on to find the E Major Scale!) Use this pattern to write out each major scale below



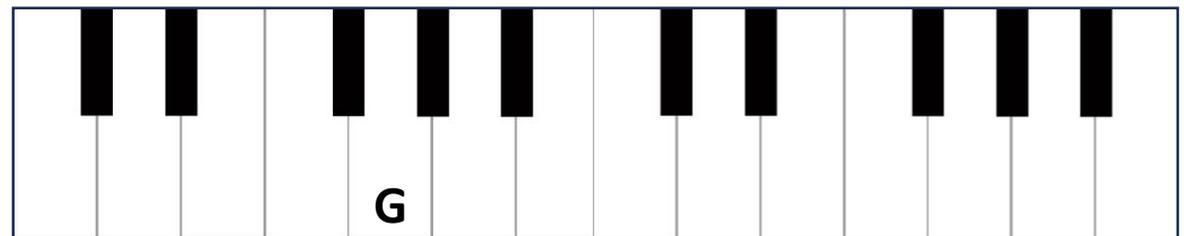
E Major Scale:



A Major Scale:



D Major Scale:



G Major Scale:

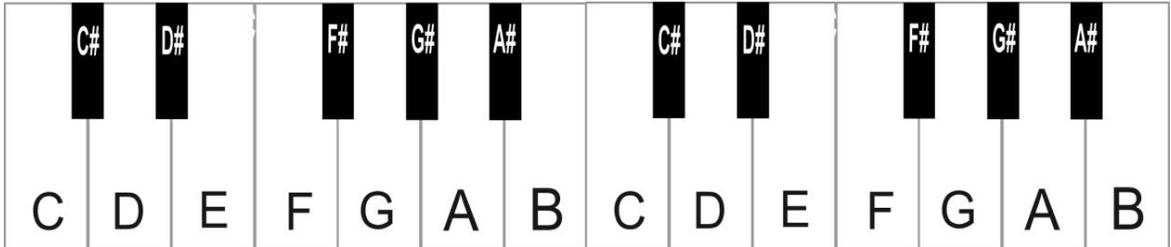


# Sculptlings Music Theory Worksheet Answer Key

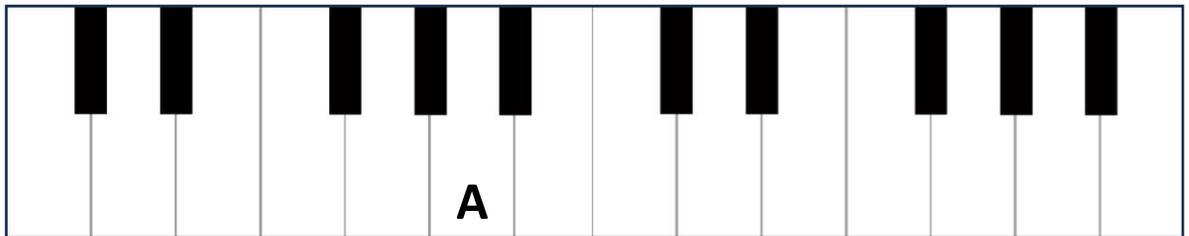
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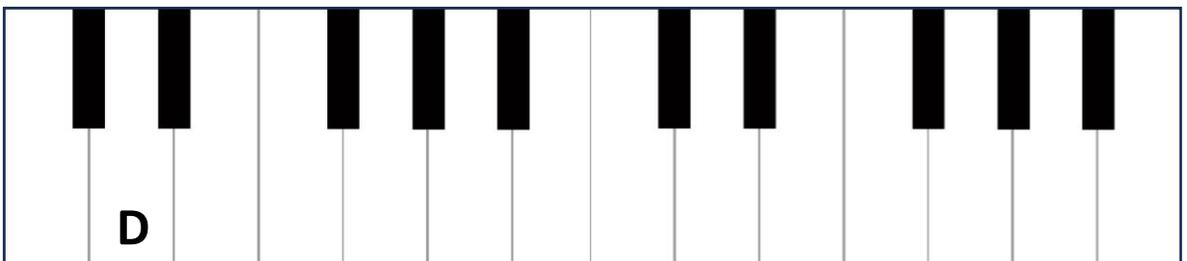
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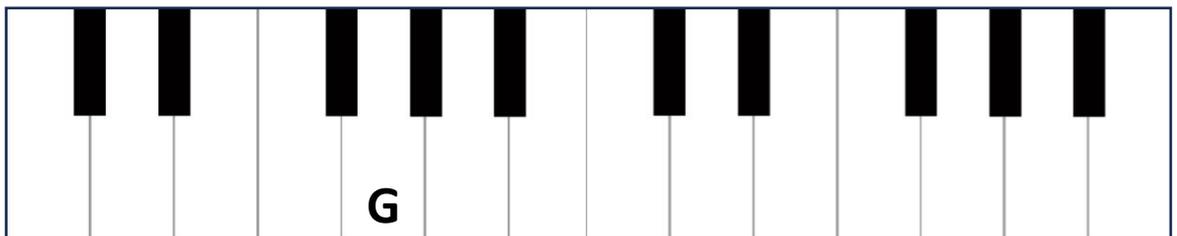
E Major Scale: **E F# G# A B C# D# E**



A Major Scale: **A B C# D E F# G# A**



D Major Scale: **D E F# G A B C# D**



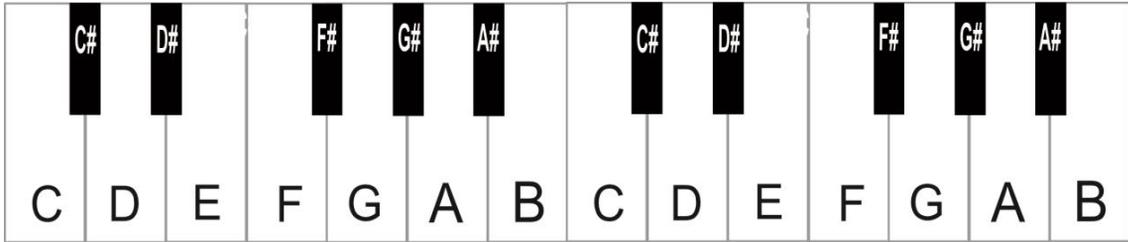
G Major Scale: **G A B C D E F# G**



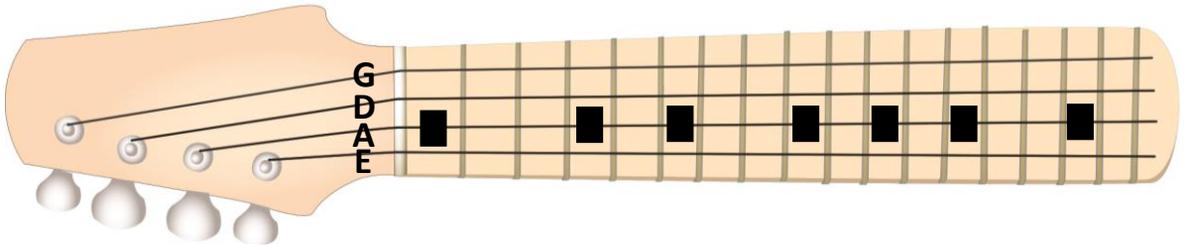
# Sculptlings Music Theory Worksheet

## Black Sharp Notes on the Piano Keys

**Note:** Now that you are familiar with the piano black and White Keys, Lets apply them onto the Bass. Between each fret is a piano key. Color in the Sharps (Black Keys) for each Note.



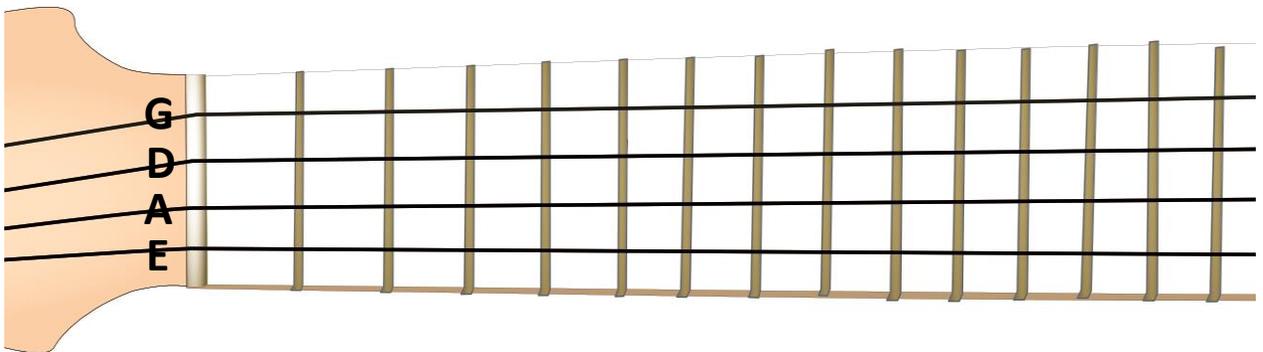
Use this diagram as an example for below. (The A string is done for you.)



### Exercise 5.

Draw in the Sharps or Black Keys between the Frets on the bass below.

(Use the diagram above to help you.)

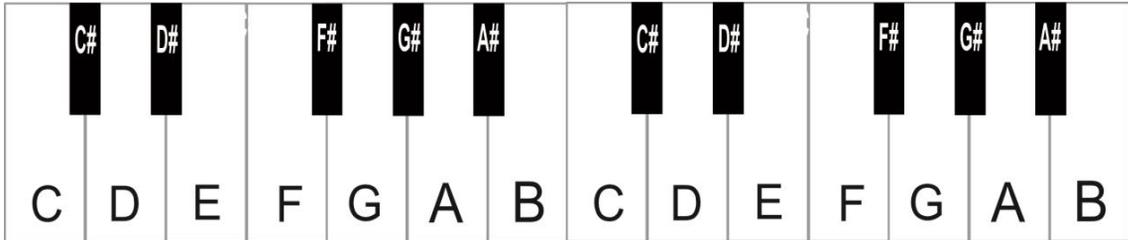




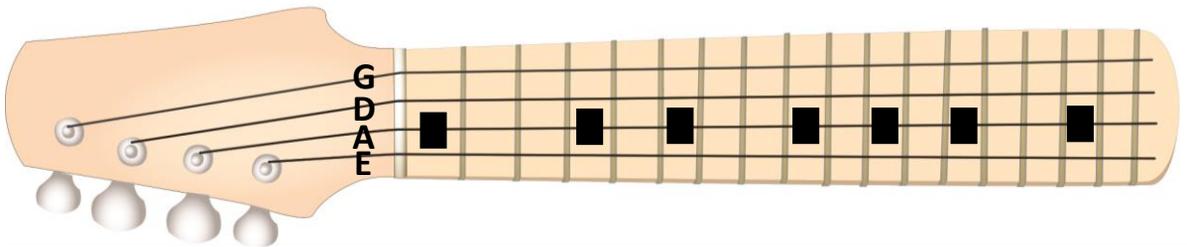
# Sculptlings Music Theory Worksheet Answer Key

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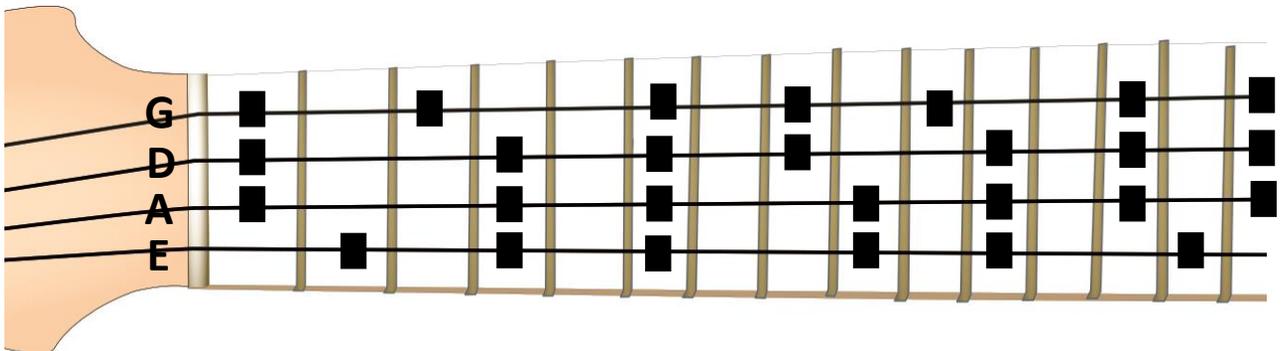
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### Exercise 5.

**Draw in the Sharps or Black Keys between the Frets on the bass below.**

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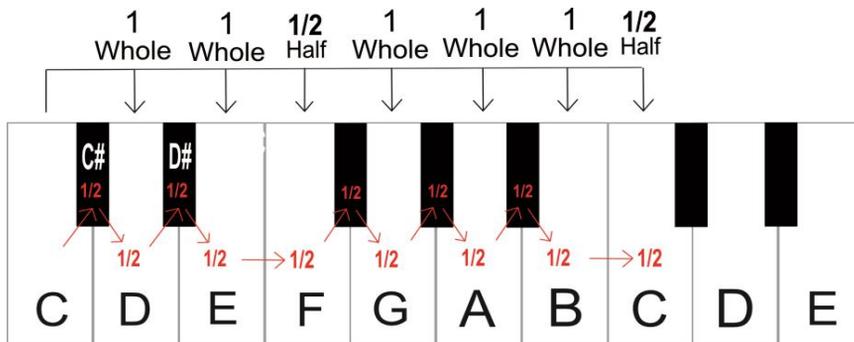


# Sculptlings Music Theory Worksheet

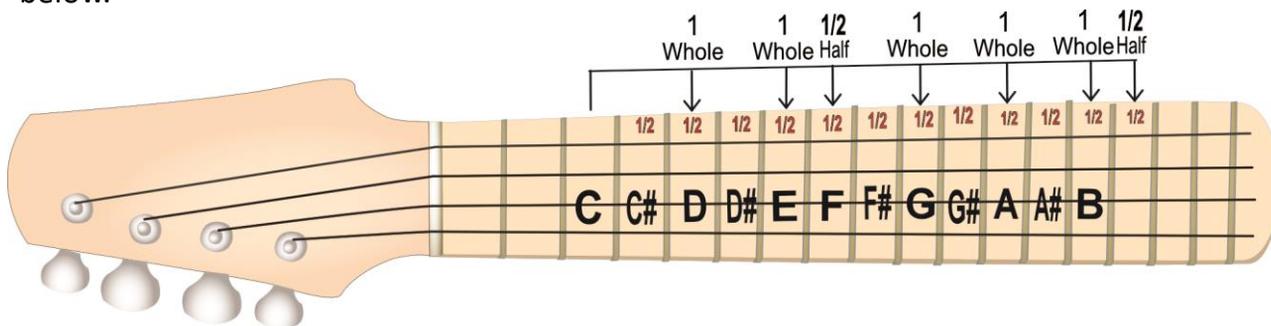
## Whole and Half Steps

Next, Let's apply the same Whole step and Half step pattern to the Bass.

Use the same **W-W-H-W-W-W-H** step pattern to draw out the whole and half steps on the bass below.

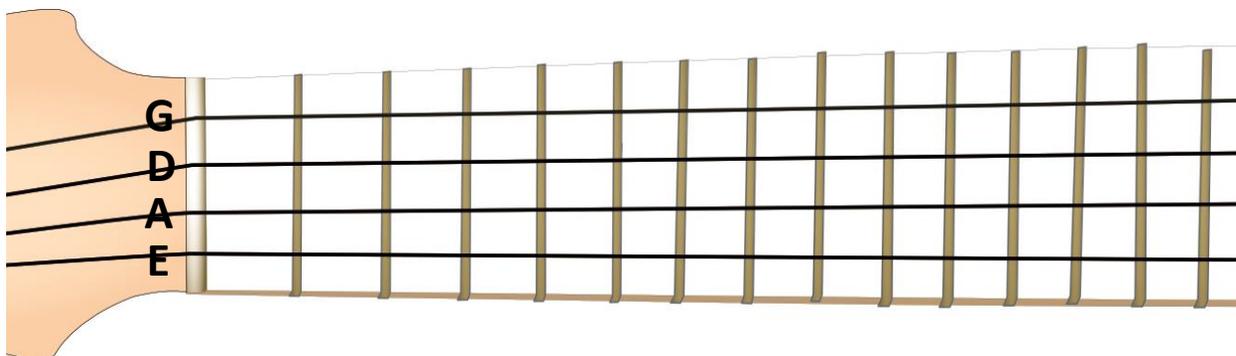


Use this bass as an example. (The C is done for you.) Apply the same method to the Bass below.



### Exercise 6.

On the D String below. Use the WWH-WWWH method and draw a line to show the Whole notes and Half notes on that string, as seen in the above example.



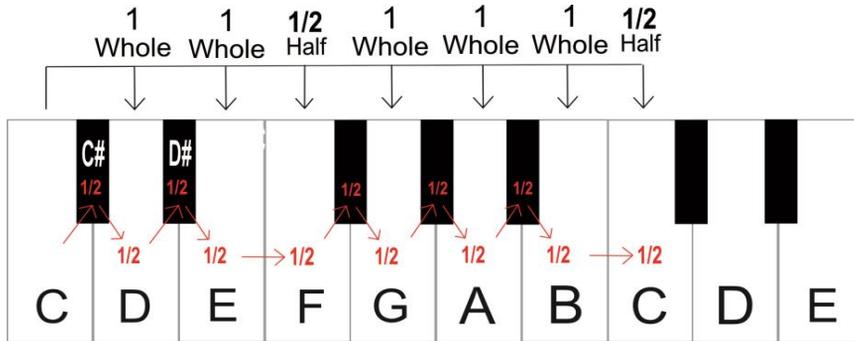


# Sculptlings Music Theory Worksheet Answer Key

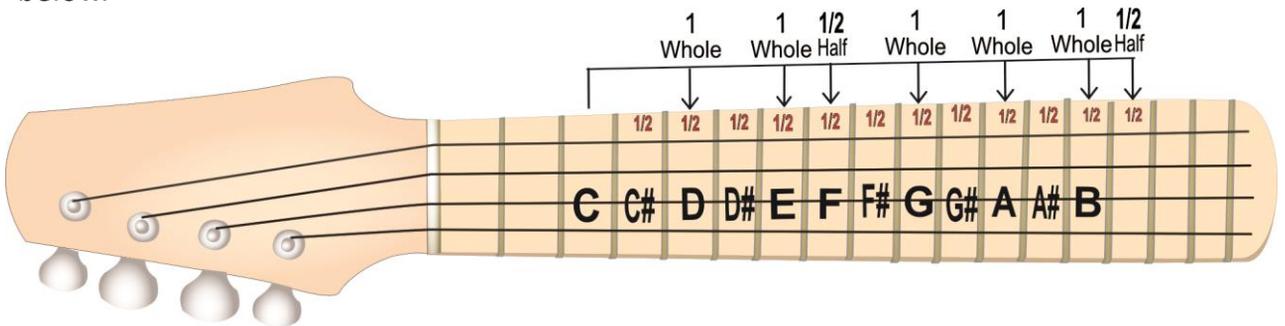
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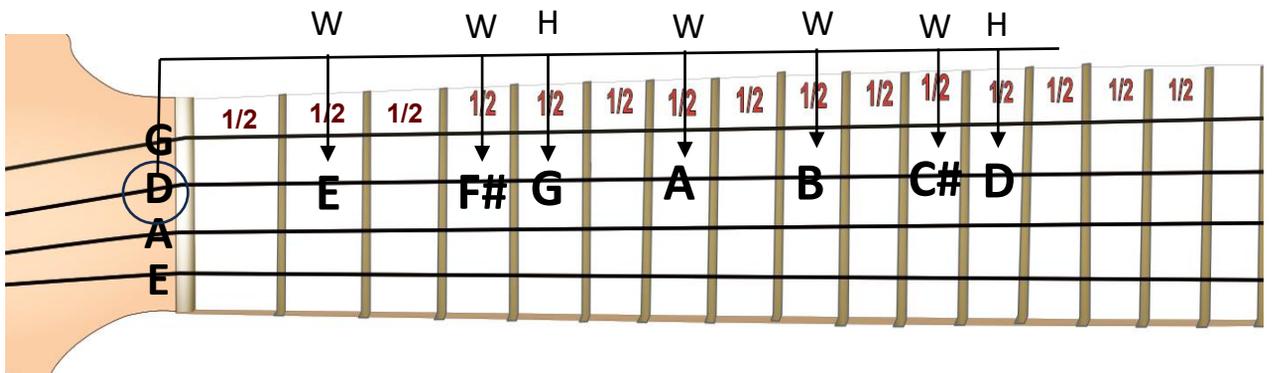


Use this bass as an example. (The C is done for you.) Apply the same method to the Bass below.



### Exercise 6.

On the D String below. Use the WWH-WWWH method and draw a line to show the Whole notes and Half notes on that string, as seen in the above example.





# Sculptlings Music Theory Worksheet

## Major Scale

### Exercise 7.

Continue using the WWHWWWH pattern. (Complete the Guitar Notes below.) What notes do you land on?

Follow the W-W-H-W-W-W-H step pattern and Write down each note you land on to find the Major Scale!)

A guitar fretboard diagram with six strings labeled G, D, A, E from top to bottom. The fretboard has 12 frets. Below the diagram is a horizontal line for writing.

**E Major Scale:**

A guitar fretboard diagram with six strings labeled G, D, A, E from top to bottom. The fretboard has 12 frets. Below the diagram is a horizontal line for writing.

**A Major Scale:**

A guitar fretboard diagram with six strings labeled G, D, A, E from top to bottom. The fretboard has 12 frets. Below the diagram is a horizontal line for writing.

**D Major Scale:**



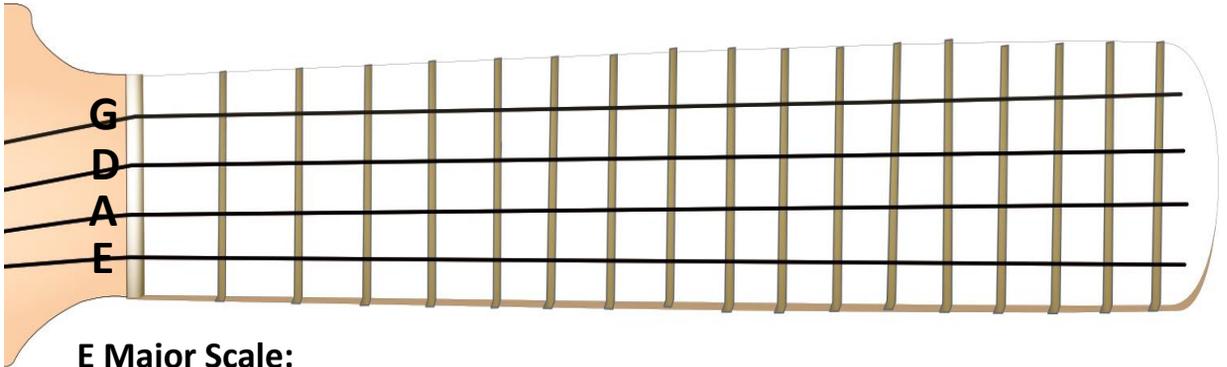
# Sculptlings Music Theory Worksheet Answer Key

## Major Scale

### Exercise 7.

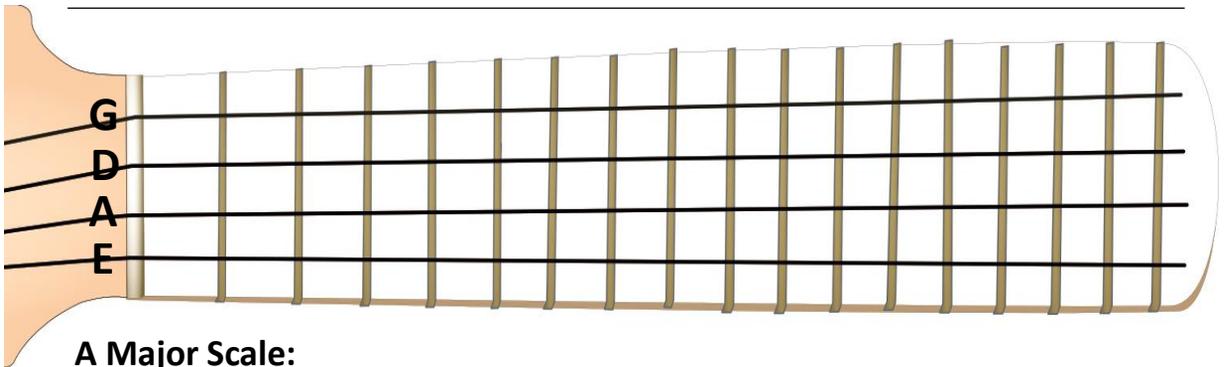
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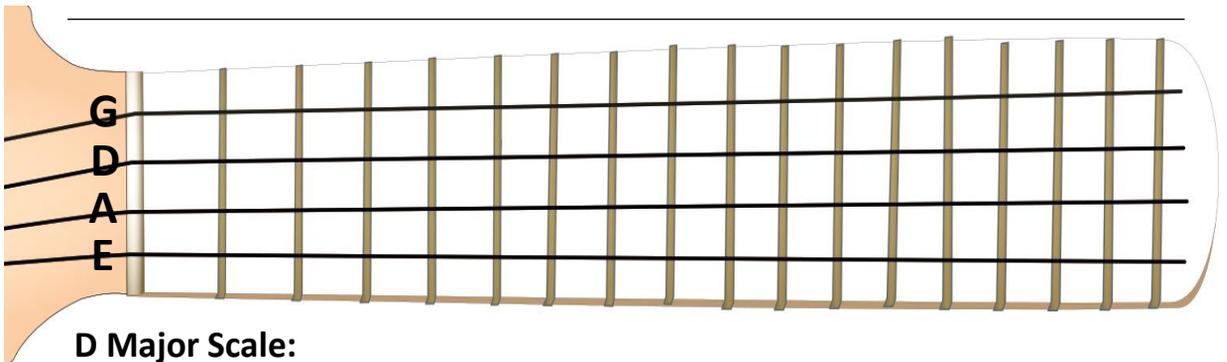
E Major Scale:

E F# G# A B C# D# E



A Major Scale:

A B C# D E F# G# A



D Major Scale:

D E F# G A B C# D



# Sculptlings Music Theory Worksheet

Guitar

Piano

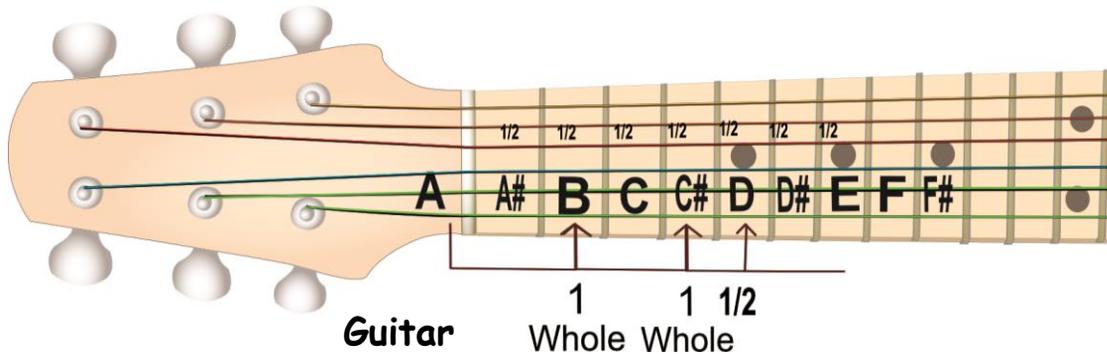
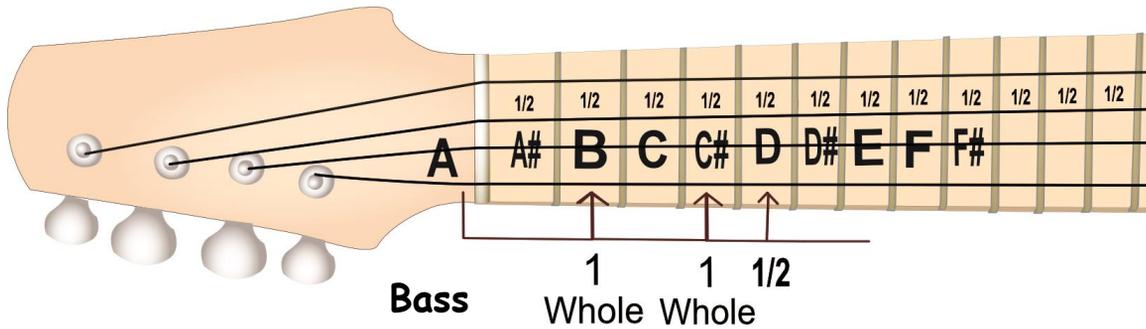
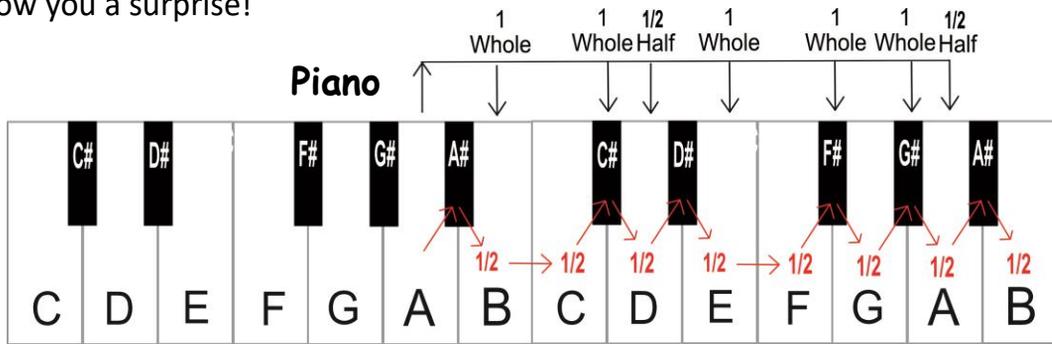
Bass

## Comparing the Bass, Piano and Guitar.

### How to find the Major Scale on any instrument

You're doing great! Now that you are familiar with the piano keys and bass strings, lets add the guitar!

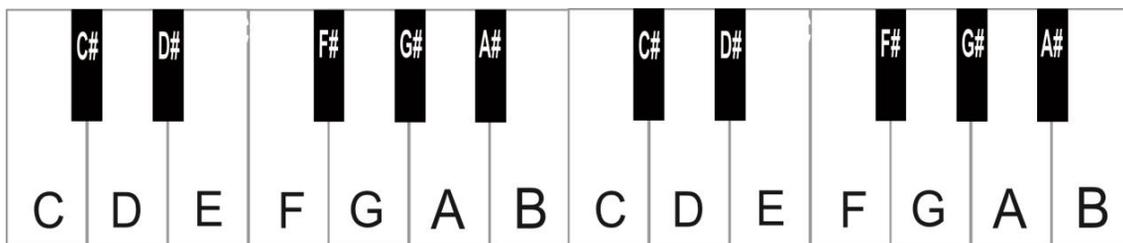
The guitar strings are the same as the bass except that it has 2 more strings. But the same method applies. We will do 2 more lessons and then at the end I will show you a surprise!





# Sculptlings Music Theory Worksheet

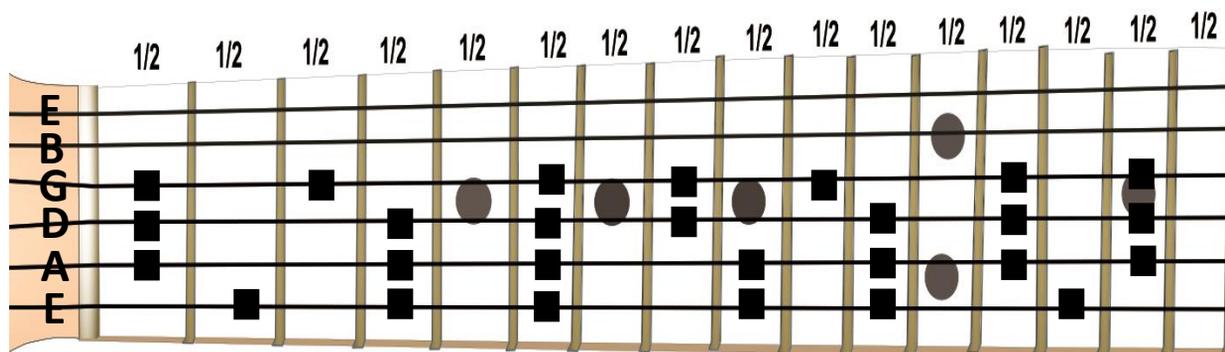
## Guitar String Major Scale



### Exercise 8.

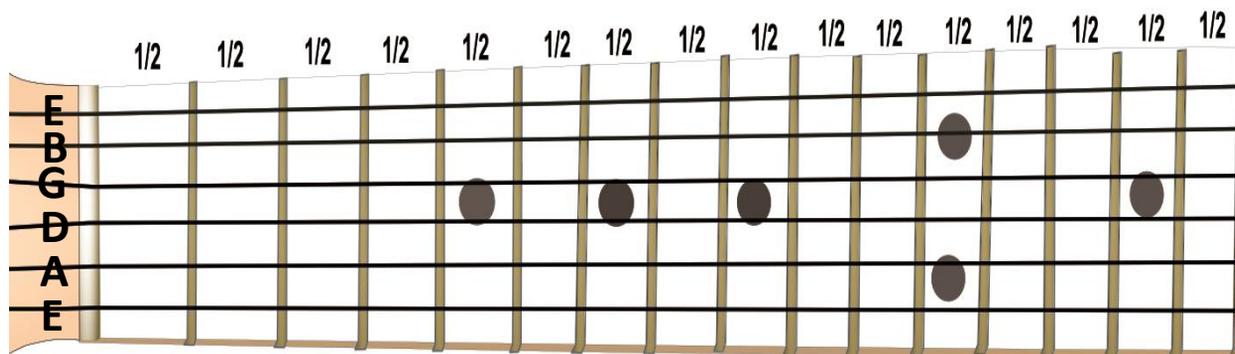
Use the Piano Diagram above to help you fill in the sharps (Black Keys) on the top 2 strings of the Guitar below. (Just as you did for the bass.) Draw a black dot where the sharps should be on the B and the E.

(The guitar string names have been given to you to help you get started.)



### Exercise 9.

Your last lesson is to fill in the guitar string names. You do not have to include the sharps.







# Sculptlings Music Theory Worksheet

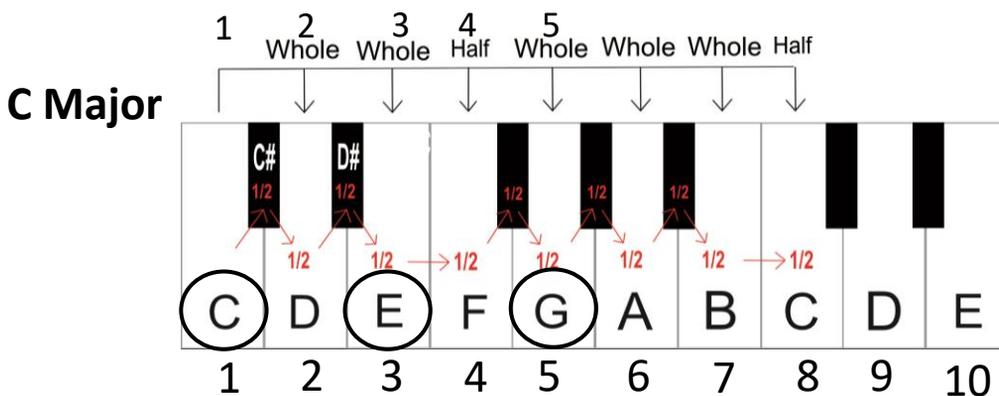
## What Makes a Chord

You did so good! Now here is your surprise!

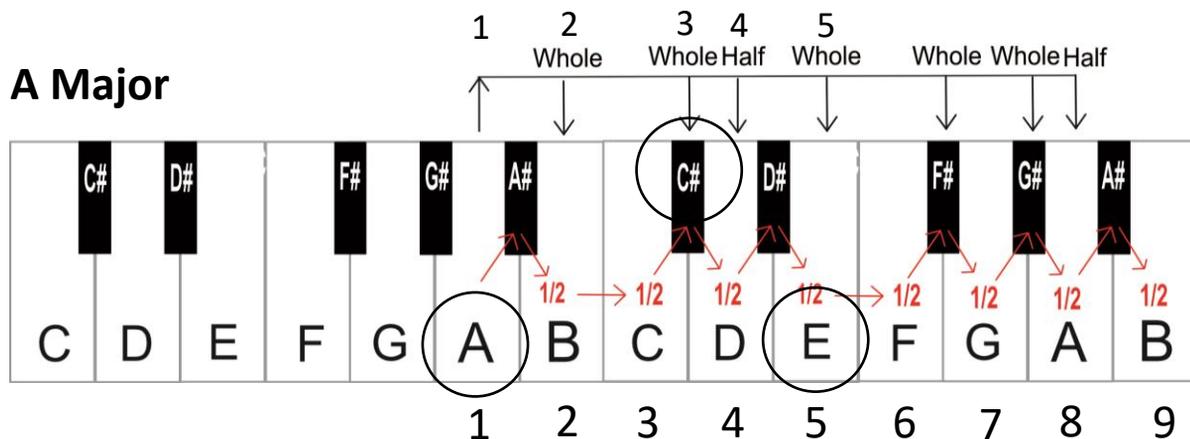
Now that you know your Notes, on both the Piano, Bass and Guitar. And you know how to find your major scale on the piano keys and guitar strings, you can understand how we develop a chord!

The formula for a Major Chord is 1 – 3 - 5 ( It's the 1st, 3rd, and 5th notes of a major scale) (Count the keys from the root note. If your 1, 3, 5 lands on a sharp, that is part of your chord)

Here are some examples: Look below. Can you see the Chords in the C Major and A Major Scale?



The C Major Scale: C D E F G A B C      The A Chords for C Major is: C D E



The A Major Scale: A B C# D E F# G#      The A Chords for C Major is: A C# E

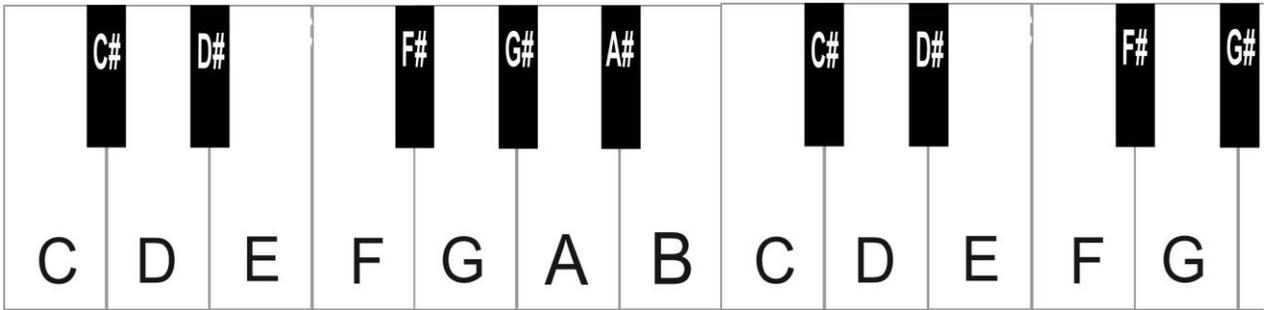


# Sculptlings Music Theory Worksheet

## What Makes a Major Chord

Now it's your turn! Let's practice!

Find the Major Chords using the 1 – 3 – 5 method from each major scale.



Major Chord:

B Major Scale: B C# D# E F# G# A# B

\_\_\_\_\_

E Major Scale: E F# G# A B C# D# E

\_\_\_\_\_

A Major Scale: A B C# D E F# G# A

\_\_\_\_\_

D Major Scale: D E F# G A B C# D

\_\_\_\_\_

G Major Scale: G A B C D E F# G

\_\_\_\_\_

Note: The Major Chords are easy to see and play on a Piano. Its not so easy to see and find them on the guitar. That's for another lesson. Coming soon!

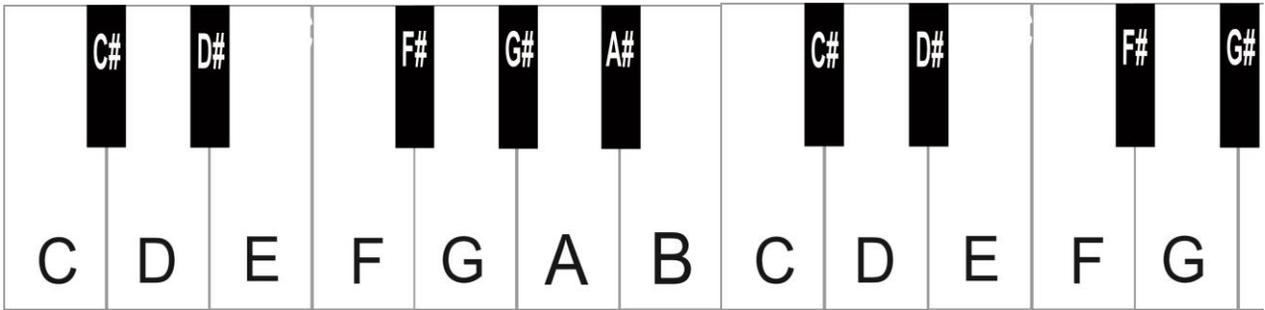


# Sculptlings Music Theory Worksheet Answer Key

## What Makes a Major Chord

Now it's your turn! Let's practice!

Find the Major Chords using the 1 – 3 – 5 method from each major scale.



Major Chord:

1 2 3 4 5

B Major Scale: B C# D# E F# G# A# B      B D# F#

o

E Major Scale: E F# G# A B C# D# E      E G# B

A Major Scale: A B C# D E F# G# A      A C# E

D Major Scale: D E F# G A B C# D      D F# A

G Major Scale: G A B C D E F# G      G B# D

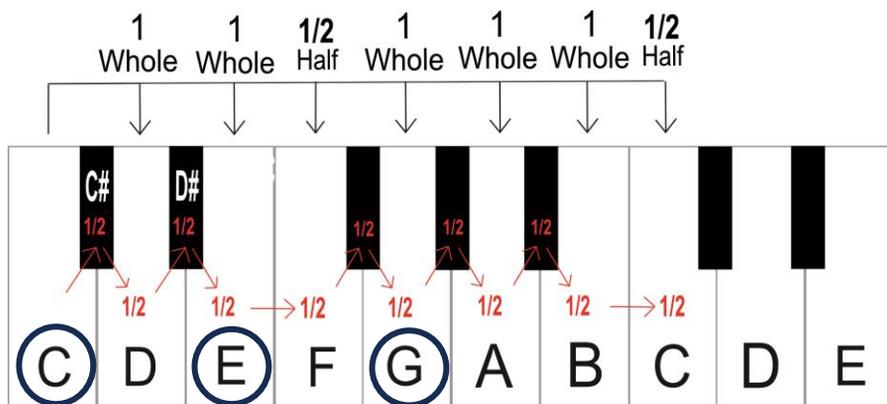
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Coming soon!

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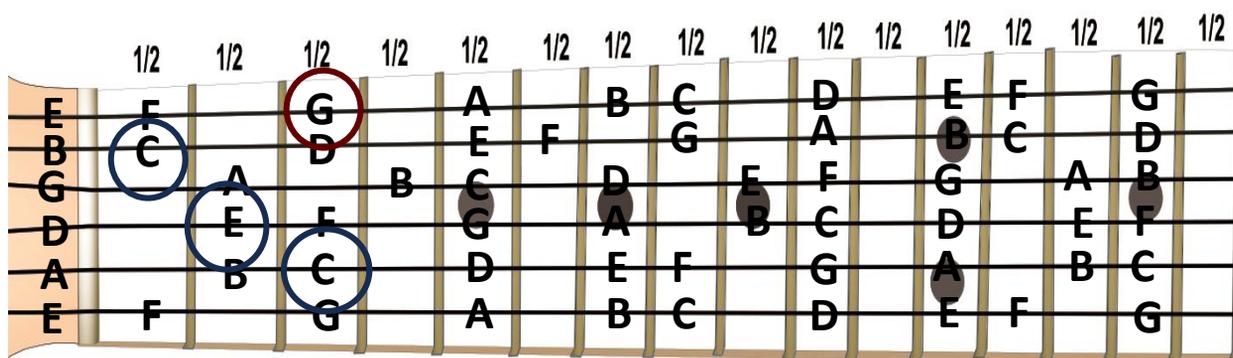
## What Makes a Major Chord

Its not so easy to find the **1 3 5 notes** on the guitar to play them easily.  
Its like you are playing 6 pianos at the same time!

You can't always add all the notes together easily. So we play the Root Note Twice in some cases.



Below is a sample of the C Major chord and how we typically play it on the Guitar. Although both are correct, this is just an easy way to play the C Major Chord and it sounds the same.



That's why we memorize the chords and how we play them on the guitar.  
But at least now you know how to find the Major scale and what makes a major chord!



# Sculptlings Music Theory

## Guitar String Notes

Now that you are familiar with the Bass and Guitar, let's see if you can apply what you learned to the Guitar!

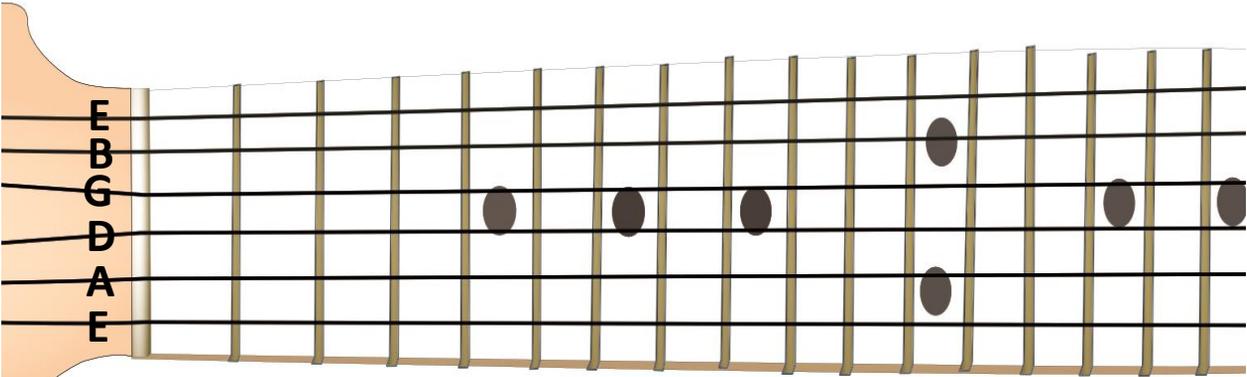
Use the W-W-H-W-W-W-H Method and find the Major scale for the top 2 strings of the guitar!

(The 4 bottom strings are the same as the Bass)

### Exercise 10.

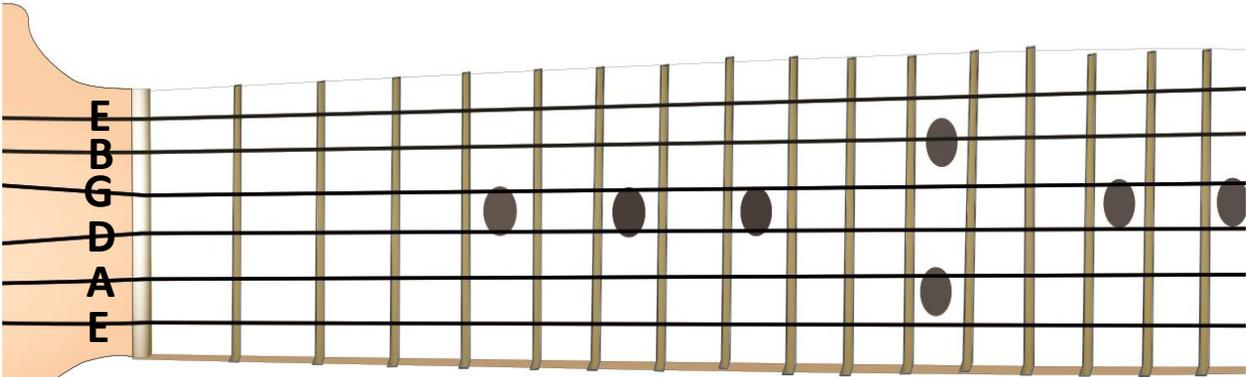
Follow the W-W-H-W-W-W-H step pattern!

Use this pattern to write out the B and E major scale below



B Major Scale:

---



E Major Scale:

---



# Sculptlings Music Theory Worksheet Answer Key

## Guitar String Notes

Now that you are familiar with the Bass and Guitar. Lets see if you can apply what you learned to the Guitar!

Use the W-W-H-W-W-W-H Method and find the Major scale for the top 2 strings of the guitar!

(The 4 bottom strings are the same as the Bass)

### Exercise 10.

Follow the W-W-H-W-W-W-H step pattern!

Use this pattern to write out the B and E major scale below

W            W    H            W            W            W    H

**B Major Scale:**      **B   C#   D#   E   F#   G#   A#   B**

**E Major Scale:**      **E   F#   G#   A   B   C#   D#   E**