

Intervals

Semitones = B to C and E to F are semitonesso is C to Db or D to C#

Tones = C to D and D to E are tonesso is E to F# or G# to A#

Min 3rds = D to F and A to C are min 3rds.....so is B to D or E to G

Maj 3rds = C to E and F to A are Maj 3rds.....so is G to B or E to G#

Scales are made up entirely of combined orders of tones **T** and semitones **S**

To make a scale correctly you must have all seven different letter names in consecutive order

and end on the same letter name as you started on

eg ABCDEFGA or GABCDEFG or DEFGABCD etc

ALL MAJOR SCALES are constructed as follows

TTS T TTS

The notes of the C major scale are

C D E F G A B C
T T S **T** T T S

Move the the upper tetrachord to the bottom to construct a new scale with sharps (#)

G A B C
T T S **T** T T S

The completed notes of the G major scale are

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

Move the lower tetrachord to the top construct a new scale with flats (b)

C D E F
T T S **T** T T S

The completed notes of the F major scale are

F G A Bb C D E F
T T S **T** T T S