

# General Musicianship and Studio Techniques

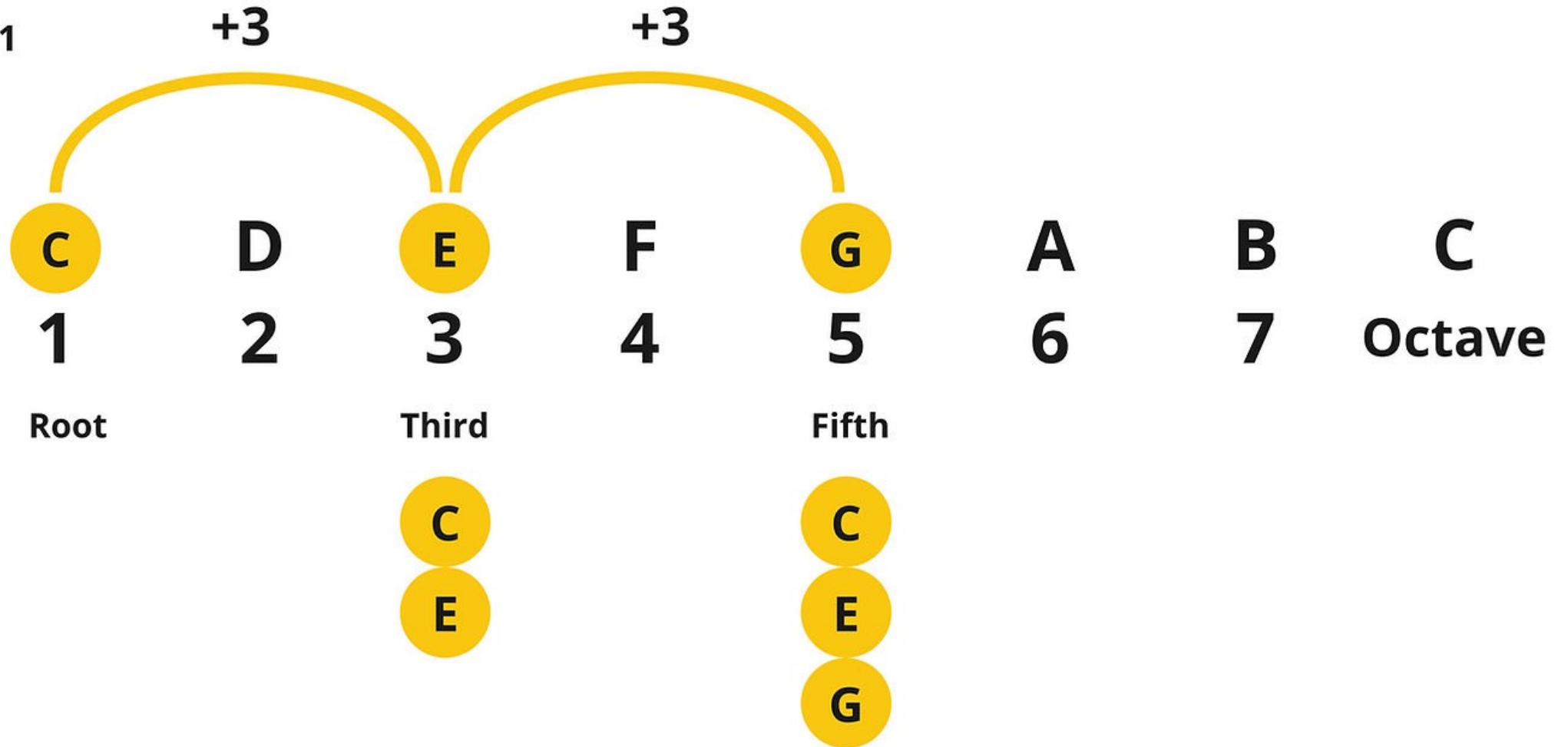
Week 2 - Harmonisation - major scales and chords

# Harmonising the major scale

| Degree | Notes (C Major scale) |   |   |   |   |   |   |   |   |   |   | Chord Notes | Chord Name   |
|--------|-----------------------|---|---|---|---|---|---|---|---|---|---|-------------|--------------|
| I      | C                     | D | E | F | G | A | B | C | D | E | F | C-E-G       | C Major      |
| ii     | C                     | D | E | F | G | A | B | C | D | E | F | D-F-A       | D minor      |
| iii    | C                     | D | E | F | G | A | B | C | D | E | F | E-G-B       | E minor      |
| IV     | C                     | D | E | F | G | A | B | C | D | E | F | F-A-C       | F Major      |
| V      | C                     | D | E | F | G | A | B | C | D | E | F | G-B-D       | G Major      |
| vi     | C                     | D | E | F | G | A | B | C | D | E | F | A-C-E       | A minor      |
| vii°   | C                     | D | E | F | G | A | B | C | D | E | F | B-F-D       | B diminished |

# Harmonising the major scale

Example 1



# Harmonising the major scale

## Example 2

| <b>C</b> | <b>D</b> | <b>E</b> | <b>F</b> | <b>G</b> | <b>A</b> | <b>B</b>   | <b>C</b>      |
|----------|----------|----------|----------|----------|----------|------------|---------------|
| <b>1</b> | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b>   | <b>Octave</b> |
| Major    | Minor    | Minor    | Major    | Major    | Minor    | Diminished | Major         |
| <b>C</b> | <b>D</b> | <b>E</b> | <b>F</b> | <b>G</b> | <b>A</b> | <b>B</b>   | <b>C</b>      |
| <b>E</b> | <b>F</b> | <b>G</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b>   | <b>E</b>      |
| <b>G</b> | <b>A</b> | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> | <b>F</b>   | <b>G</b>      |

# Harmonising the major scale

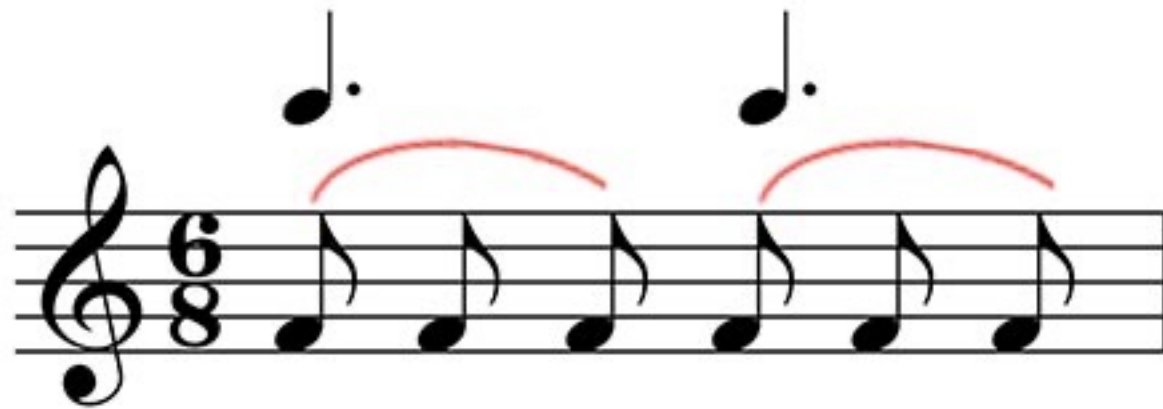
|                | Roman Numeral System |      |      |      |      |      |                  |
|----------------|----------------------|------|------|------|------|------|------------------|
| Major Scale    | C                    | D    | E    | F    | G    | A    | B                |
| Roman Numerals | I                    | ii   | iii  | IV   | V    | vi   | vii <sup>o</sup> |
| Chord Sequence | Maj                  | min  | min  | Maj  | Maj  | min  | dim              |
| Chords         | Cmaj                 | Dmin | Emin | Fmaj | Gmaj | Fmin | Gdim             |

# General Musicianship and Studio Techniques

Week 2 - Time Signatures - Compound

# Understanding Compound Time

## Compound Meter (Compound Time)

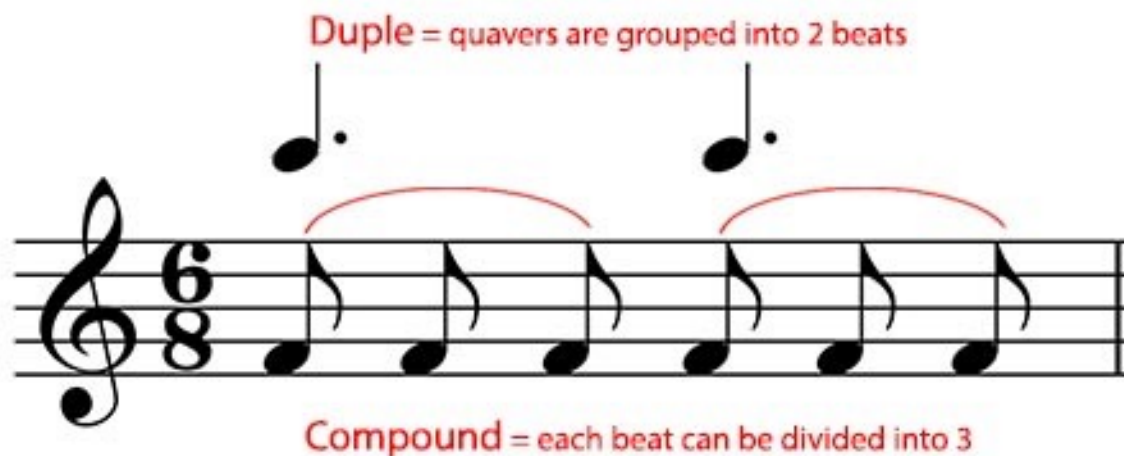


Compound = each beat can be divided into 3

# Compound Duple

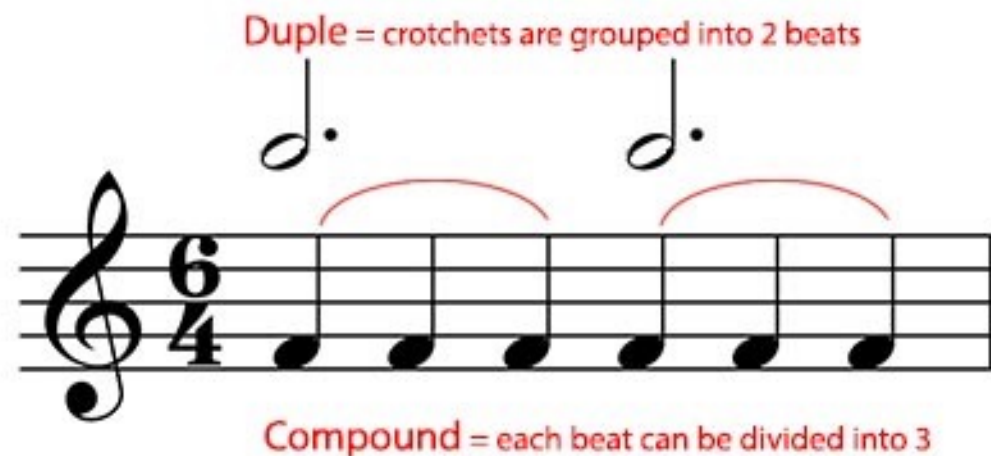
## Compound Duple Meter (Compound Duple Time)

Duple = quavers are grouped into 2 beats



Compound = each beat can be divided into 3

Duple = crotchets are grouped into 2 beats



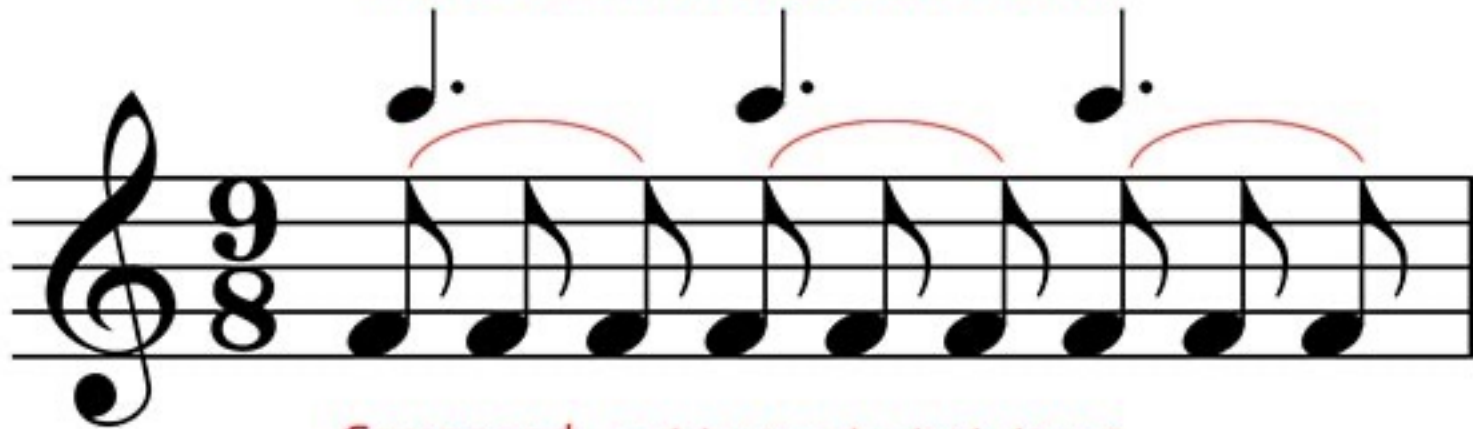
Compound = each beat can be divided into 3

Any Time Signature with 6 as top number = Compound Duple Meter

# Compound Triple

## Compound Triple Meter (Compound Triple Time)

Triple = quavers are grouped into 3 beats



Compound = each beat can be divided into 3

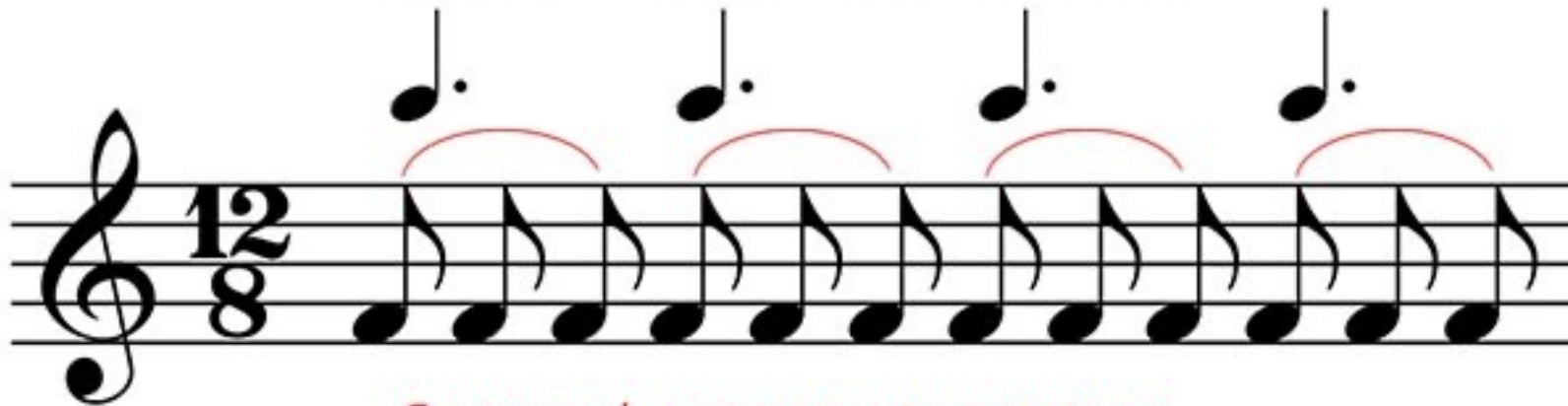
Any Time Signature with 9 as top number = Compound Triple Meter

|   |   |    |
|---|---|----|
| 9 | 9 | 9  |
| 2 | 4 | 16 |

# Compound Quadruple

## Compound Quadruple Meter (Compound Quadruple Time)

Quadruple = quavers are grouped into 4 beats



Compound = each beat can be divided into 3

Any Time Signature with 12 as top number = Compound Quadruple Meter

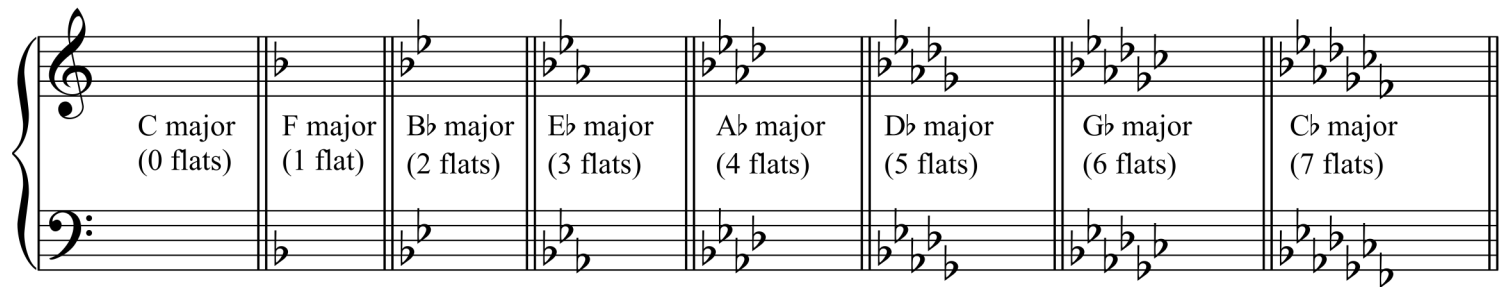
|    |    |    |
|----|----|----|
| 12 | 12 | 12 |
| 2  | 4  | 16 |

# General Musicianship and Studio Techniques

Week 2 - Key Signatures - All b's

# Key Signatures

b's



# Mnemonic for order of b's

**B**attle - 1<sup>st</sup> b

**E**nds- 2<sup>nd</sup> b

**A**nd - 3<sup>rd</sup> b

**D**own - 4<sup>th</sup> b

**G**oes- 5<sup>th</sup> b

**C**harles- 6<sup>th</sup> b

**F**ather- 7<sup>th</sup> b

**B**lanket - 1<sup>st</sup> b

**E**xplodes- 2<sup>nd</sup> b

**A**nd - 3<sup>rd</sup> b

**D**ad - 4<sup>th</sup> b

**G**ets- 5<sup>th</sup> b

**C**old- 6<sup>th</sup> b

**F**eet- 7<sup>th</sup> b