

SPEED IS OF NO CONCERN

MIRRORING DRUM RHYTHMS

MARCEL VAN WEERDENBURG

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About the author

Marcel van Weerdenburg studied at the Sweelinck Conservatory in Amsterdam. He played in an improvised battle of the drums during a workshop given by double bass drum pioneer Louie Bellson in 1983. One year later he won the REMO Scholarship, then he left to spend some time in the United States. Towards the end of the '80s he received a permanent appointment at the Talkin' drum school in London, where he assisted during lessons by John Shearer, one of England's best-known rock drummers in the field of double bass drum.

In *Mirroring Drum Rhythms*, the rhythms are more or less mirrored meaning that after every lead foot the next foot will be followed by a second foot and after every second foot the next foot will be followed by a lead foot.

Mirroring can only take place between two or more rhythmic patterns.

Foreword

In the first edition of *Speed is of No Concern, Double Pedal Coordination Exercises* (1999), the emphasis is on playing basic patterns and mixed patterns which have been designed to develop a greater and more effortless independence between the different limbs.

The standard rudiment on the bass drum is the single stroke roll and consists of alternating strokes between both feet! All the patterns that are described throughout the book are based on alternating strokes between both feet.

Basically, *Mirrored Drum Rhythms* is an extension of *Speed is of No Concern* with the difference that the rhythms are more or less mirrored meaning that after every lead foot the next foot will be followed by a second foot and after every second foot the next foot will be followed by a lead foot.

Mirroring can only take place between two or more rhythmic patterns.

I would suggest that you start playing the exercises at a certain tempo until they feel comfortable. Play as long as it takes to get a good understanding of what you are playing. Remember that the **snare drum** and **cymbal** are just as important as the bass drum and are essential to complete an overall drum groove! In the exercises throughout the book the second hand of the snare drum is overlapped by a lead foot or a second foot. Make sure both limbs are rhythmically played well together.

For the right handed drummer the lead foot will be the right foot, the lead hand the right hand. The second foot will be the left foot, the second hand the left hand. For the left handed drummer vice versa.

When practicing play the bass drum with a slight fixation of the muscles in the legs under the hi-hat, ride cymbal and snare drum.

It is important that you ensure that while playing a rhythm or exercise, the pattern in the switch to both the lead foot and the second foot (and vice versa) remain rhythmically the same.

The bass drum patterns have been written down separately to keep the examples as accessible as possible.

***Practice the exercises slowly by playing them several times with a fixed tempo until they feel comfortable.

A slow pace forces you to play well and in a certain discipline.

Start slowly and increase the tempo step by step.

***Practice the exercises by playing them several times without a fixed tempo by speeding up or slowing down while playing.

Always remember: SPEED IS OF NO CONCERN!

Marcel van Weerdenburg

Notation



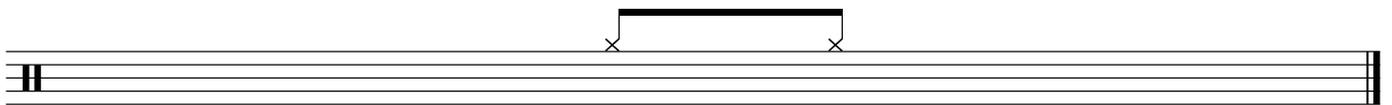
Lead Foot



Second Foot



Snare Drum



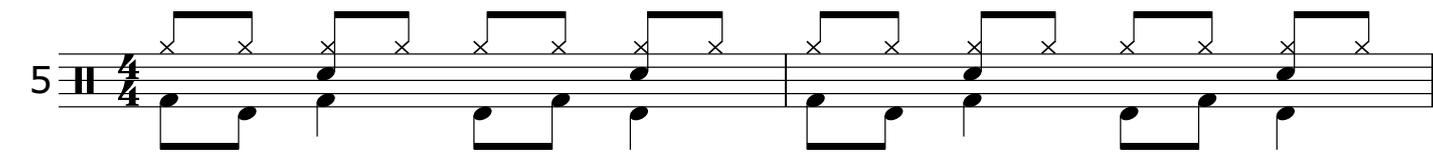
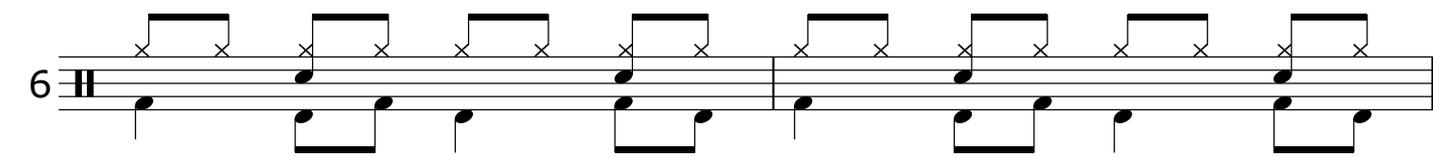
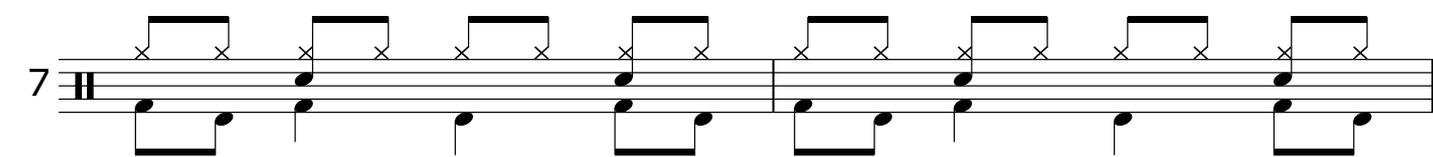
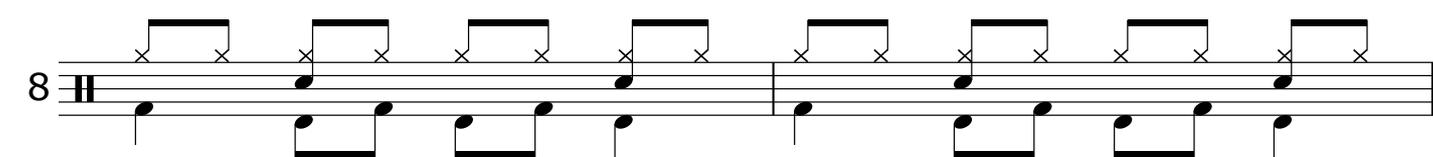
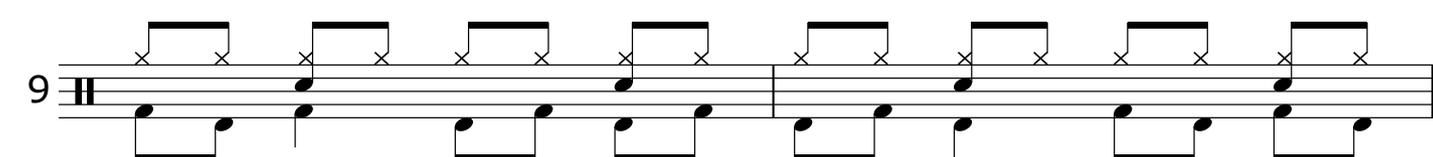
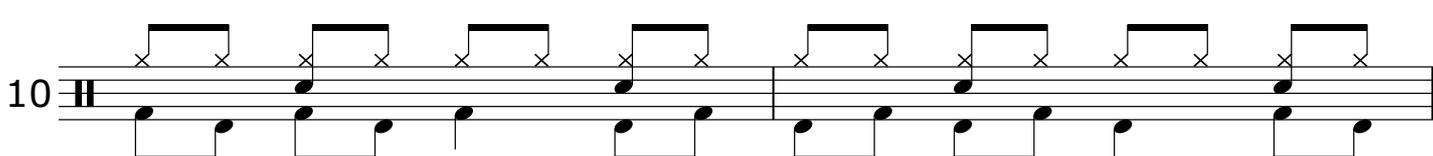
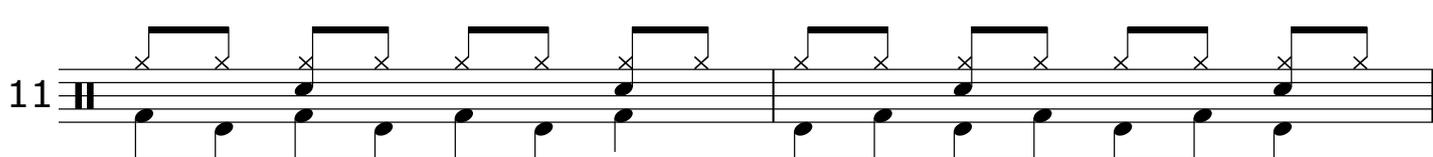
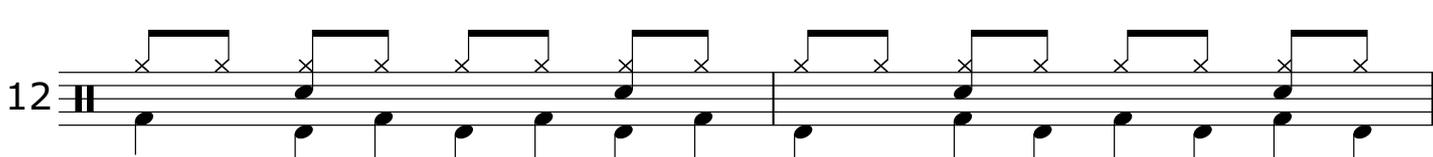
Hihat / Ride Cymbal

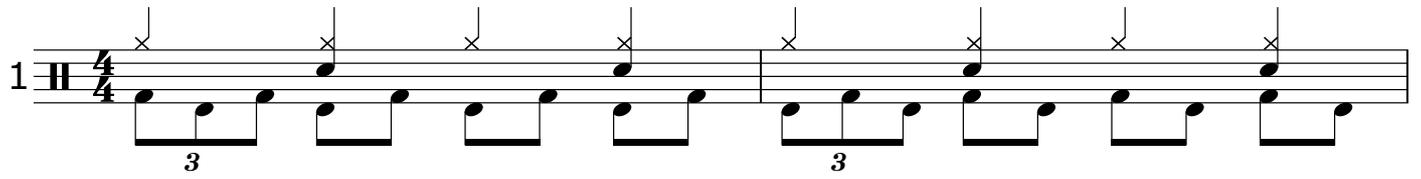
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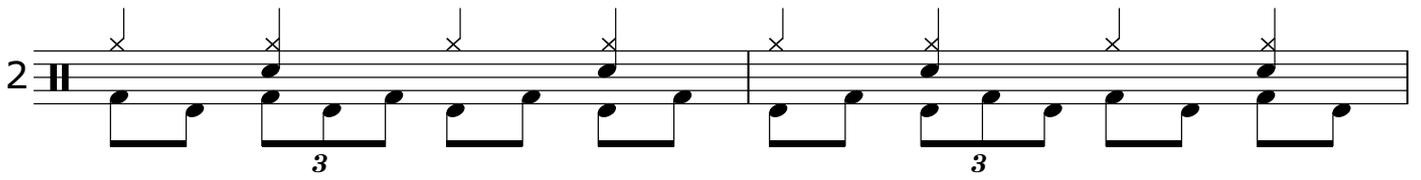
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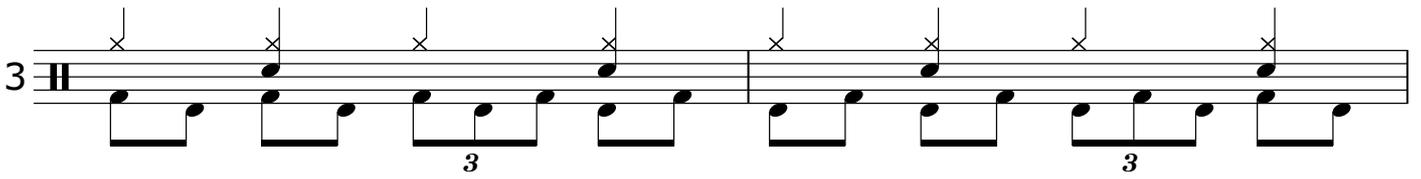
Preliminary exercises

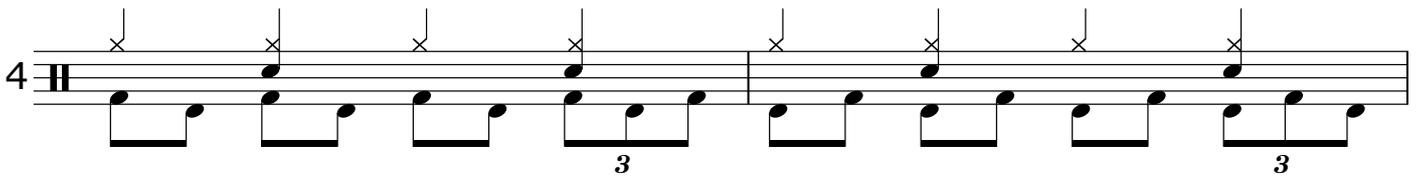
The image displays four staves of preliminary exercises, numbered 1 through 4. Each staff begins with a treble clef, a key signature of one flat (B-flat), and a 4/4 time signature. The exercises consist of rhythmic patterns of eighth and sixteenth notes, often grouped with beams and slurs. Above the notes, there are 'x' marks indicating specific fingerings or accents. The exercises are arranged in a vertical sequence, with each staff containing two measures of music.

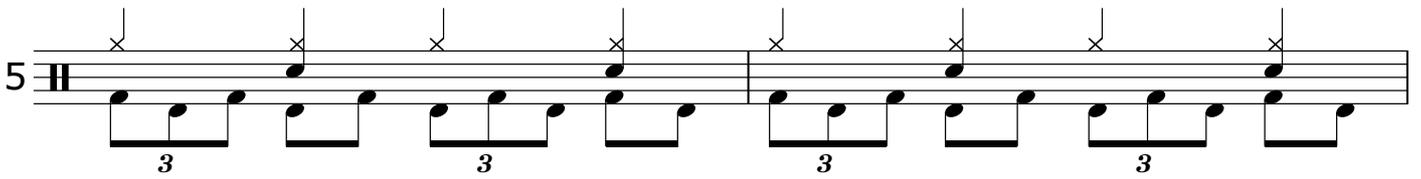
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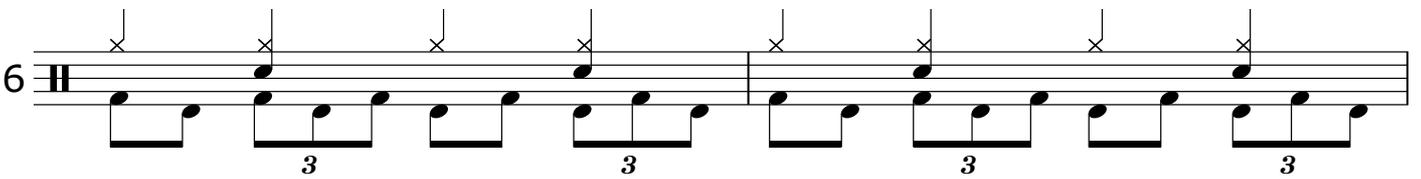
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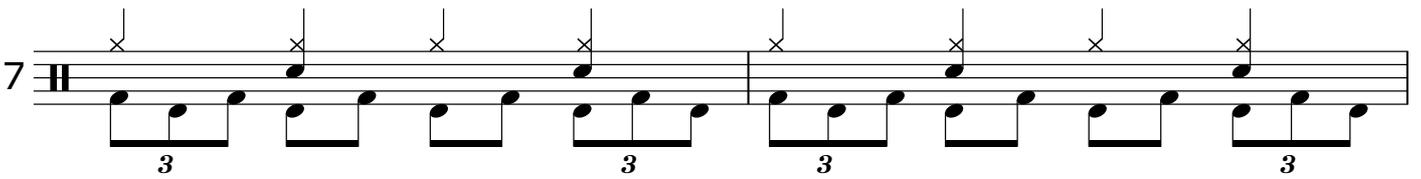
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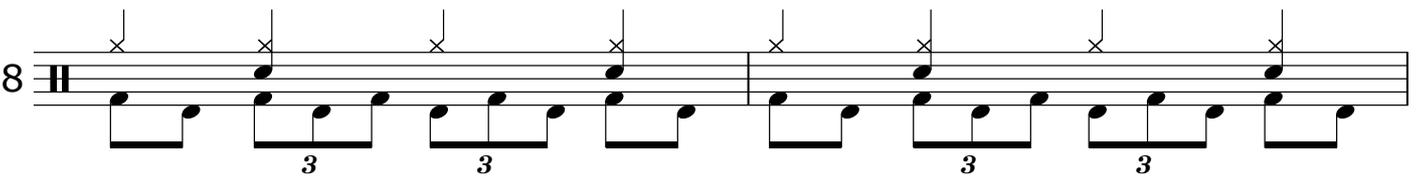
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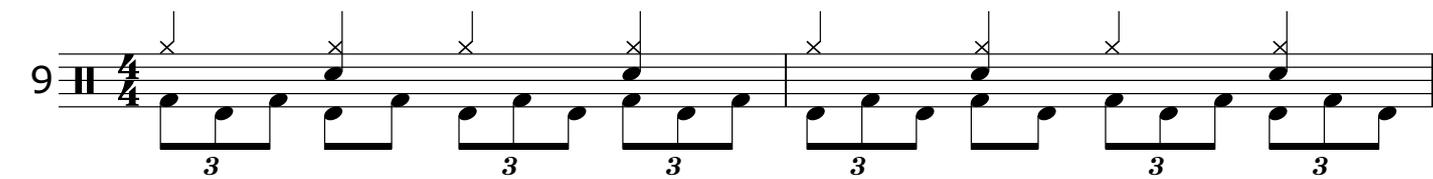
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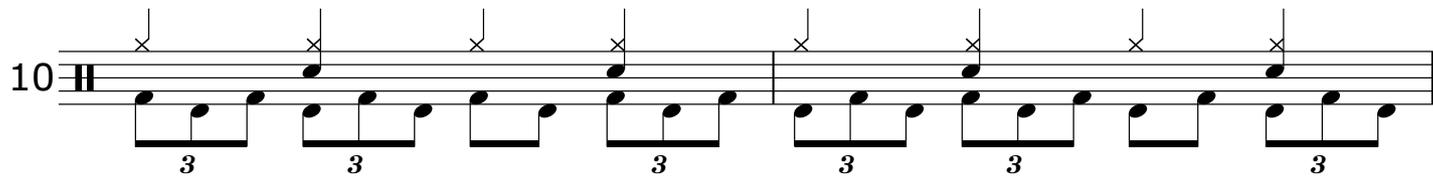
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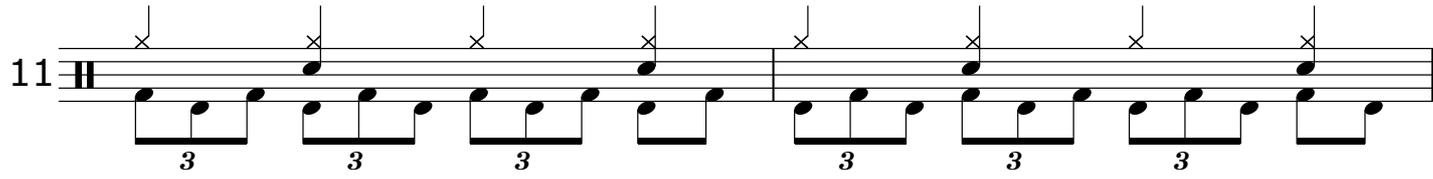
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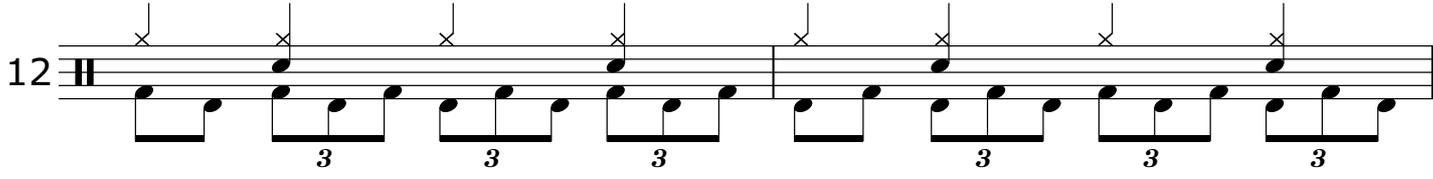
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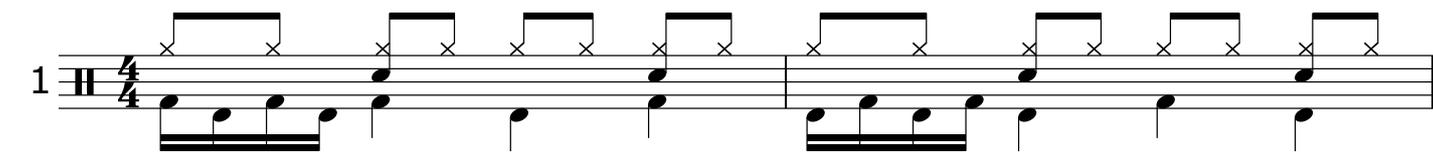
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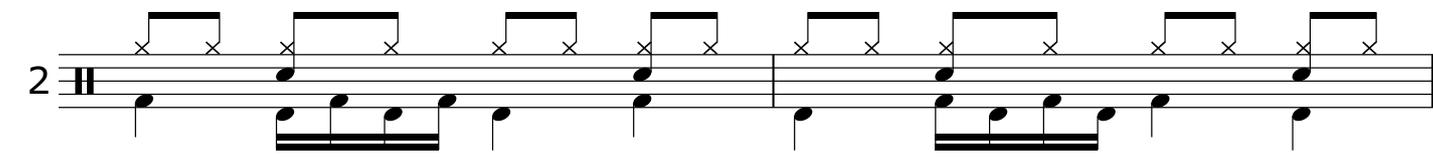
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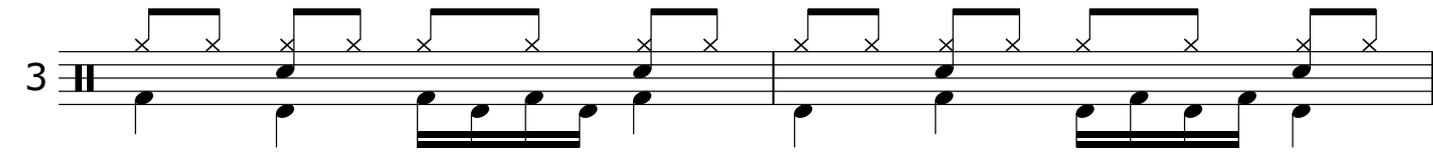
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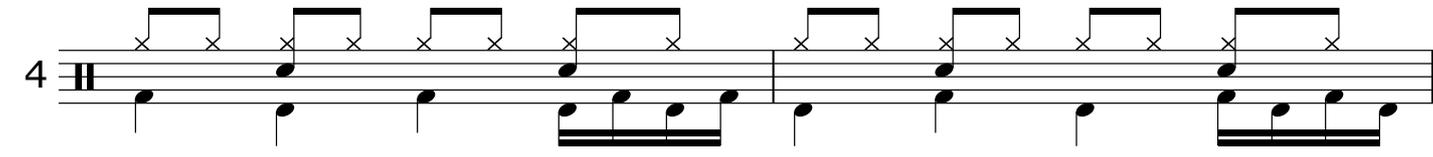
11 

12 

1 

2 

3 

4 

5 $\frac{4}{4}$

6

7

8

9

10

11

12

16th notes in 6/8

1

Musical notation for exercise 1, first staff. It shows a 6/8 time signature and a treble clef. The staff contains a sequence of notes with beams and 'x' marks above them, indicating a specific rhythmic pattern.

Musical notation for exercise 1, second staff. It continues the rhythmic pattern from the first staff.

2

Musical notation for exercise 2, first staff. It shows a 6/8 time signature and a treble clef. The staff contains a sequence of notes with beams and 'x' marks above them.

Musical notation for exercise 2, second staff. It continues the rhythmic pattern from the first staff.

3

Musical notation for exercise 3, first staff. It shows a 6/8 time signature and a treble clef. The staff contains a sequence of notes with beams and 'x' marks above them.

Musical notation for exercise 3, second staff. It continues the rhythmic pattern from the first staff.

1

2

3

1 H $\frac{6}{8}$

2 H

3 H

4 H

5 H $\frac{6}{8}$

6 H

7 H

8 H

This page contains seven systems of musical notation, numbered 9 through 16. Each system consists of a single staff with a treble clef. The notation includes a series of chords, often indicated by 'x' marks above the staff, and melodic lines with stems and notes. System 9 includes a 6/8 time signature. Systems 13 and 16 include a G-clef. The notation is arranged in a grid-like fashion, with four measures per system.

17 Musical notation for staff 17, measures 1-4. Treble clef, key signature of one flat (Bb), 6/8 time signature. The staff contains rhythmic notation with eighth notes and rests, and a guitar-style notation above with 'x' marks indicating fretted notes.

18 Musical notation for staff 18, measures 1-4. Treble clef, key signature of one flat (Bb). The staff contains rhythmic notation with eighth notes and rests, and a guitar-style notation above with 'x' marks indicating fretted notes.

19 Musical notation for staff 19, measures 1-4. Treble clef, key signature of one flat (Bb). The staff contains rhythmic notation with eighth notes and rests, and a guitar-style notation above with 'x' marks indicating fretted notes.

20 Musical notation for staff 20, measures 1-4. Treble clef, key signature of one flat (Bb). The staff contains rhythmic notation with eighth notes and rests, and a guitar-style notation above with 'x' marks indicating fretted notes.

21 Musical notation for staff 21, measures 1-4. Treble clef, key signature of one flat (Bb), 6/8 time signature. The staff contains rhythmic notation with eighth notes and rests, and a guitar-style notation above with 'x' marks indicating fretted notes.

22 Musical notation for staff 22, measures 1-4. Treble clef, key signature of one flat (Bb). The staff contains rhythmic notation with eighth notes and rests, and a guitar-style notation above with 'x' marks indicating fretted notes.

23 Musical notation for staff 23, measures 1-4. Treble clef, key signature of one flat (Bb). The staff contains rhythmic notation with eighth notes and rests, and a guitar-style notation above with 'x' marks indicating fretted notes.

24 Musical notation for staff 24, measures 1-4. Treble clef, key signature of one flat (Bb). The staff contains rhythmic notation with eighth notes and rests, and a guitar-style notation above with 'x' marks indicating fretted notes.

1

2

3

1

2

3

4 Musical notation for fret 4, first system. Treble clef, 6/8 time signature. Four measures of music with fret markers (x) on the top staff and notes on the bottom staff.

Musical notation for fret 4, second system. Treble clef, 6/8 time signature. Four measures of music with fret markers (x) on the top staff and notes on the bottom staff.

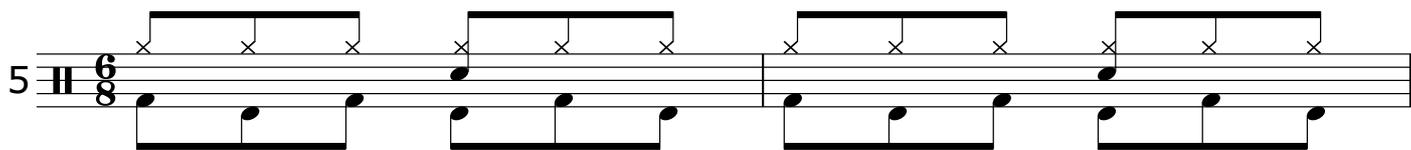
5 Musical notation for fret 5, first system. Treble clef, 6/8 time signature. Four measures of music with fret markers (x) on the top staff and notes on the bottom staff.

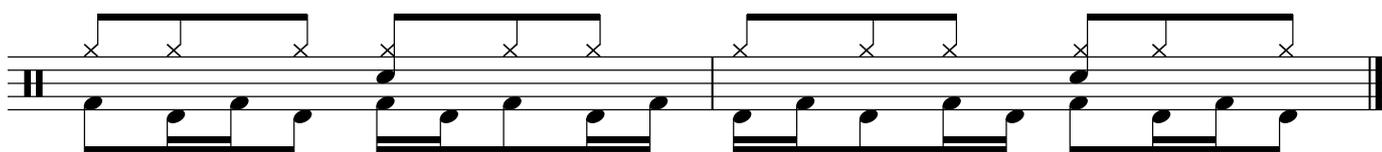
Musical notation for fret 5, second system. Treble clef, 6/8 time signature. Four measures of music with fret markers (x) on the top staff and notes on the bottom staff.

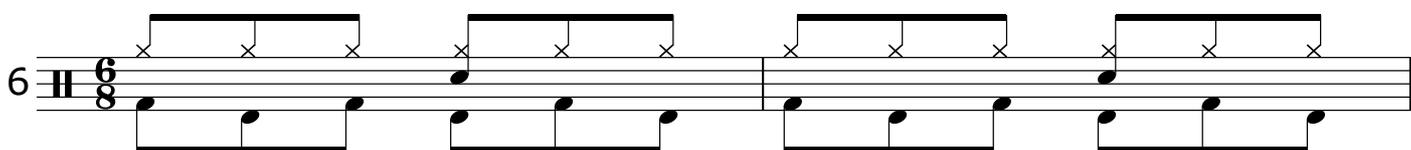
6 Musical notation for fret 6, first system. Treble clef, 6/8 time signature. Four measures of music with fret markers (x) on the top staff and notes on the bottom staff.

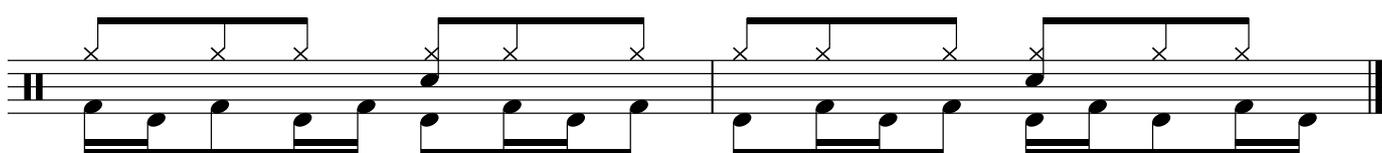
Musical notation for fret 6, second system. Treble clef, 6/8 time signature. Four measures of music with fret markers (x) on the top staff and notes on the bottom staff.

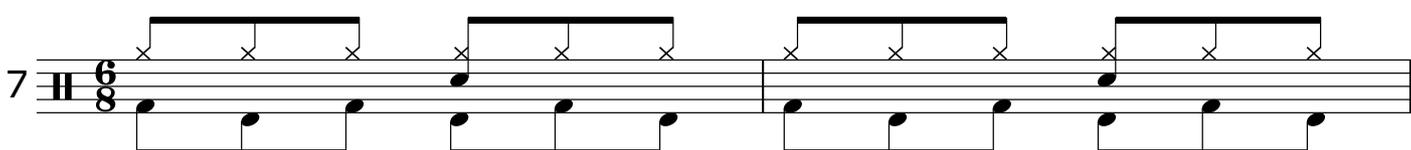
This musical score is for guitar, consisting of 12 staves arranged in pairs. Each pair is numbered 1 through 6 on the left. The first staff of each pair contains a treble clef, a key signature of one flat (B-flat), and a 6/8 time signature. The second staff of each pair contains a guitar-specific notation with 'x' marks above the staff, indicating fretted notes. The music is organized into four measures per pair, with a double bar line after the second measure. The notes are primarily eighth and quarter notes, often beamed together in groups. The overall structure is a repetitive exercise or pattern across the six pairs.

5 

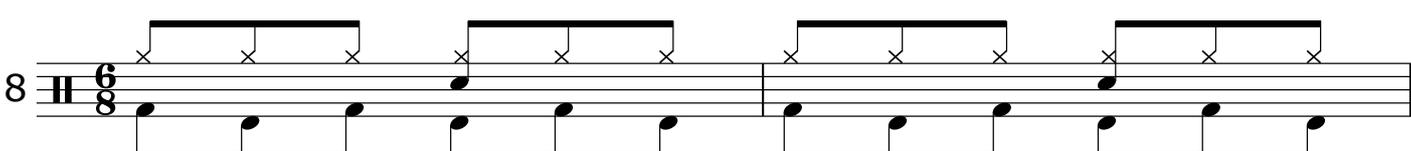


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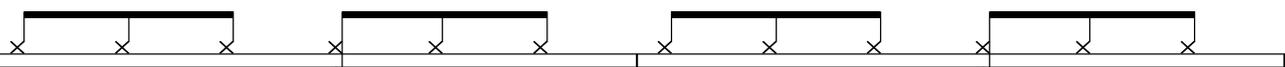


7 



8 



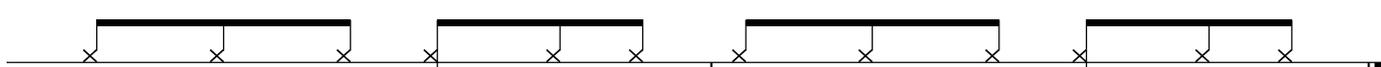
9 **H** **6**


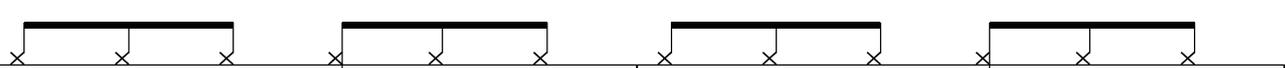




10 **H** **6**






11 **H** **6**


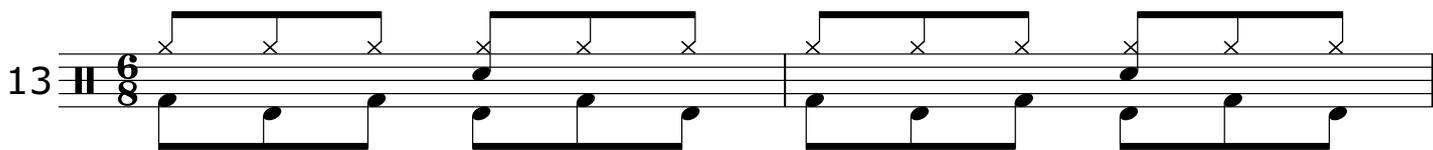


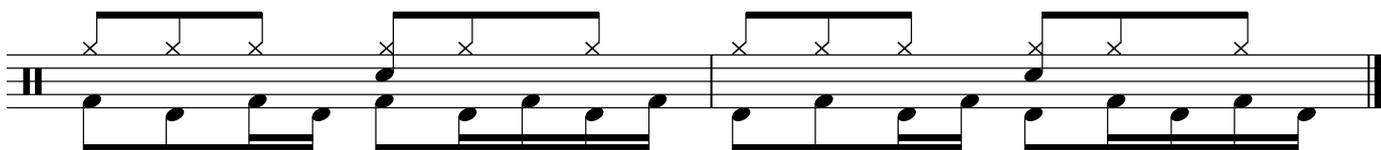


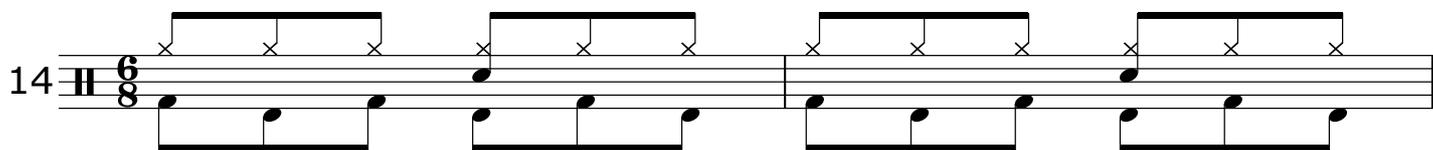
12 **H** **6**

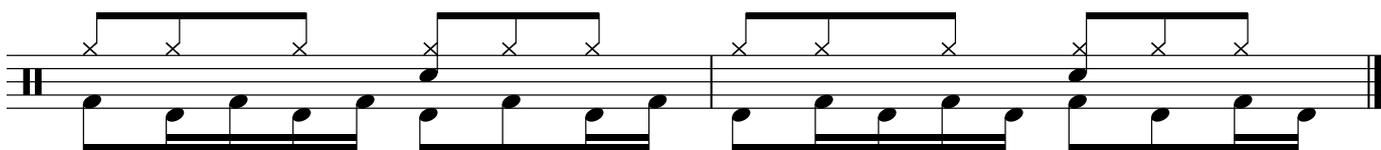


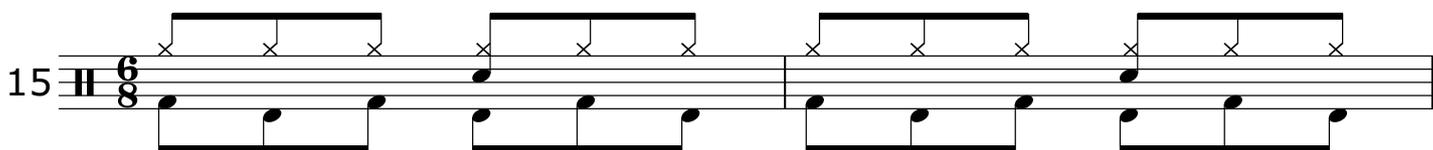


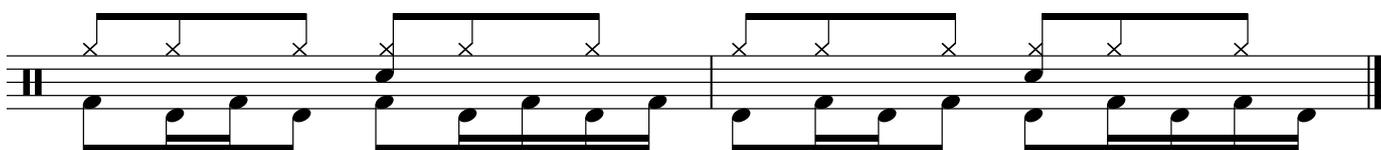

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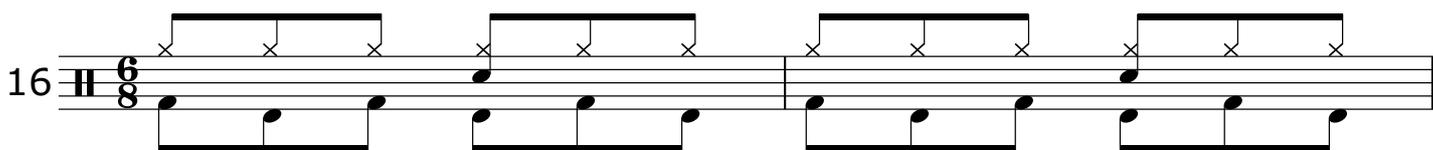


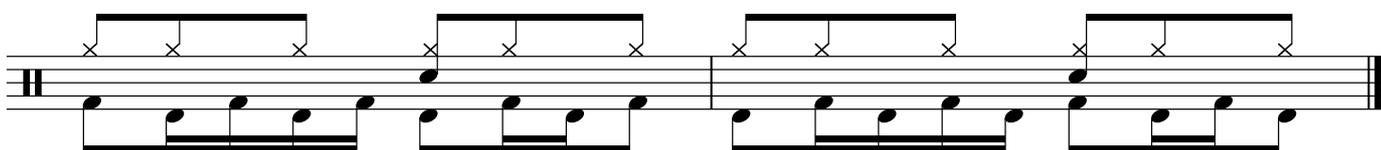
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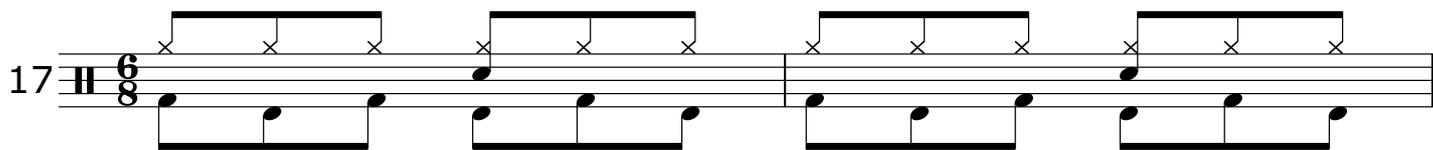


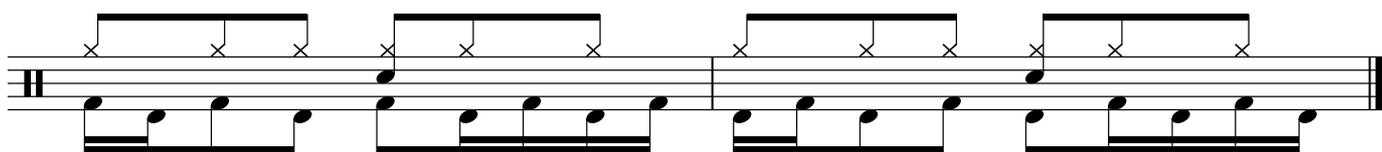
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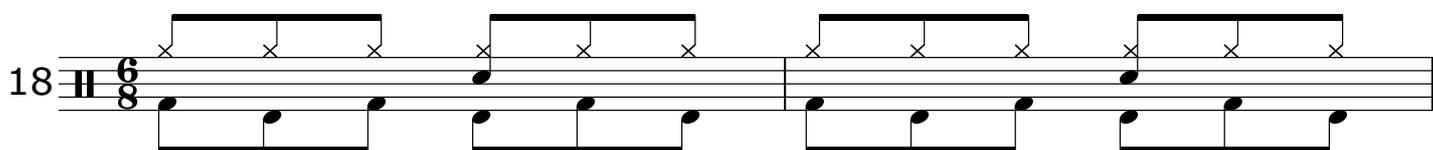


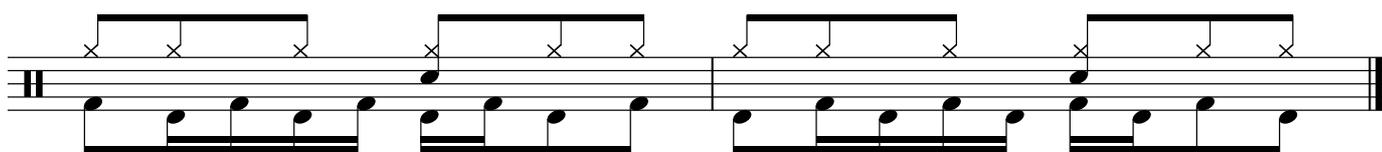
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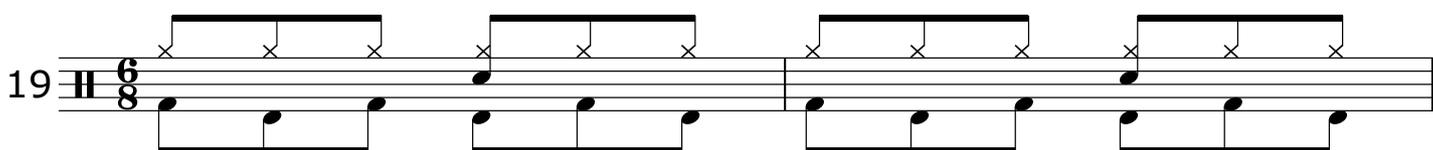


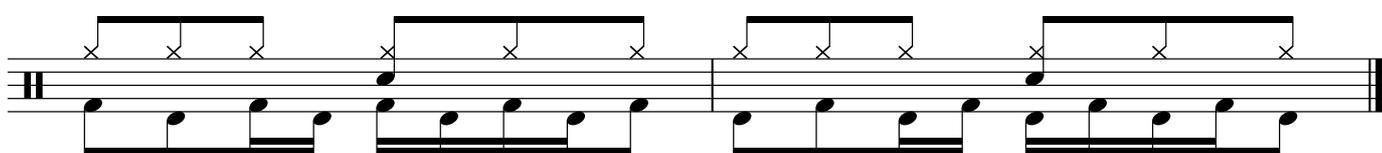
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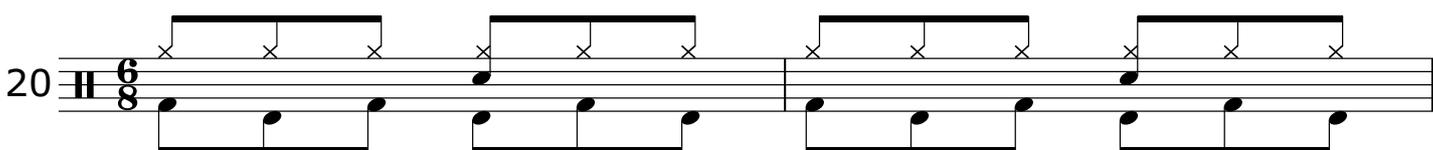


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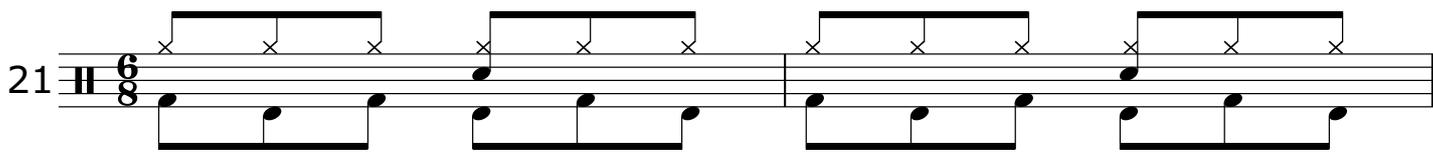


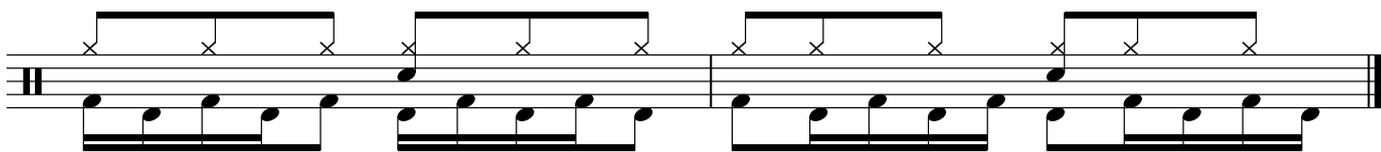
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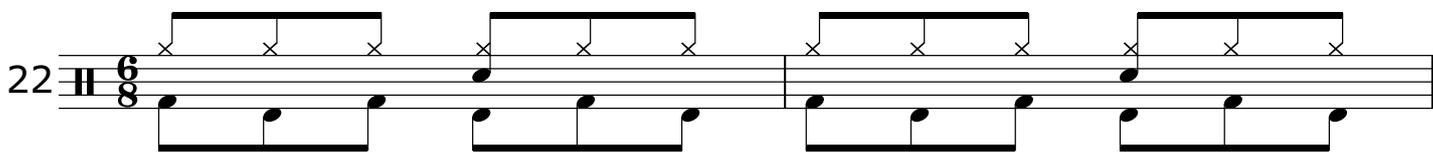


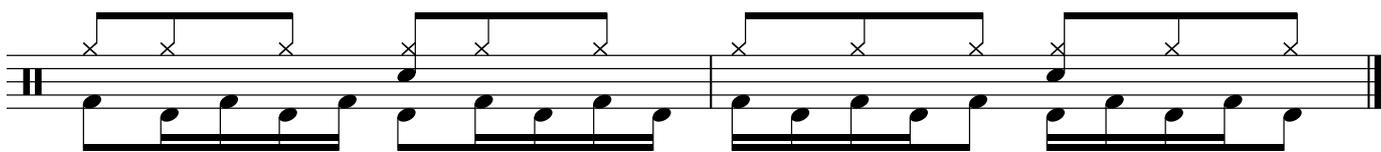
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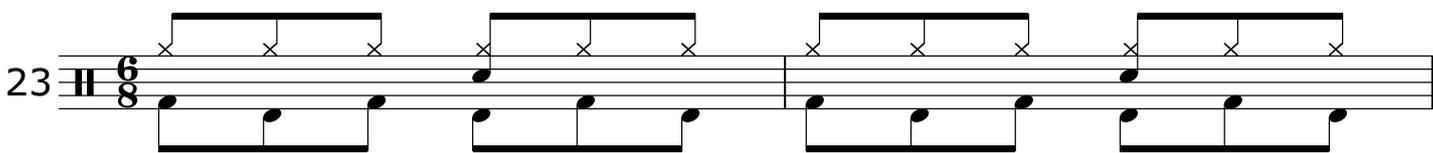


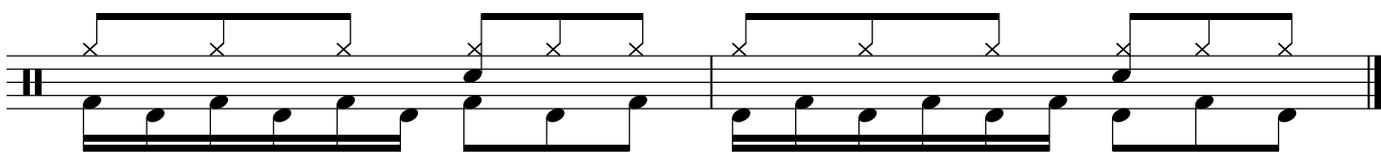
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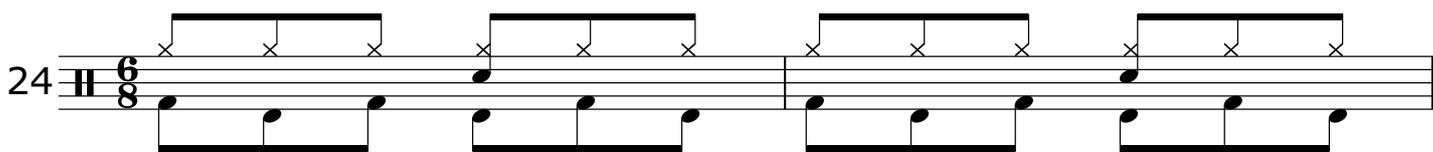


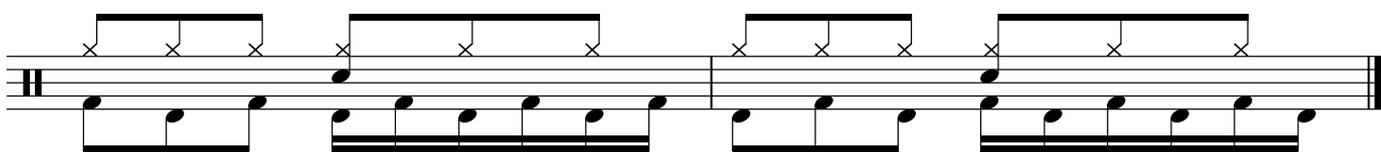
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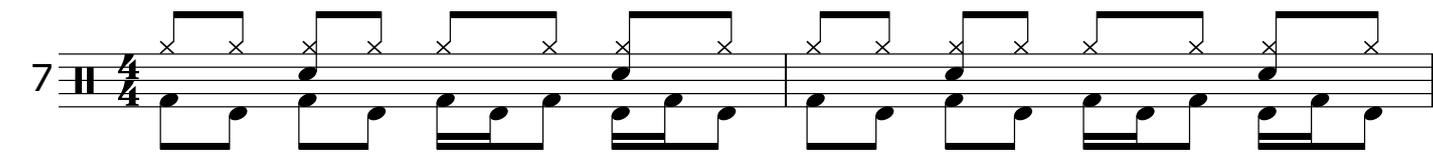
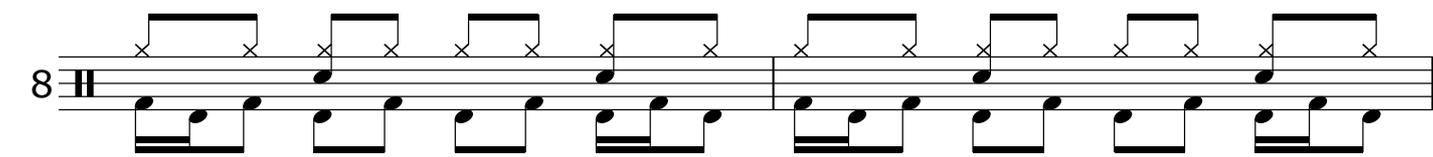
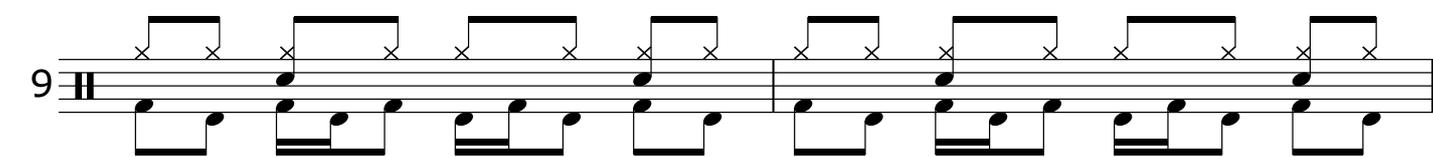
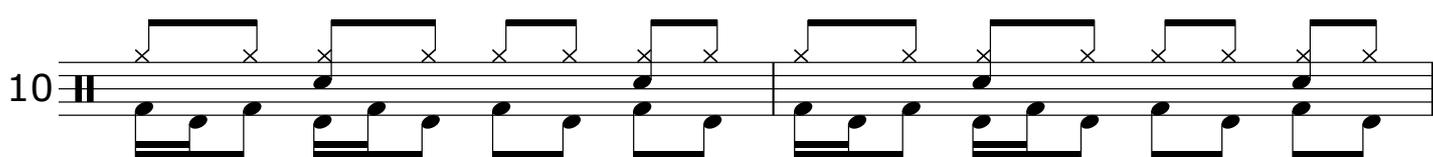
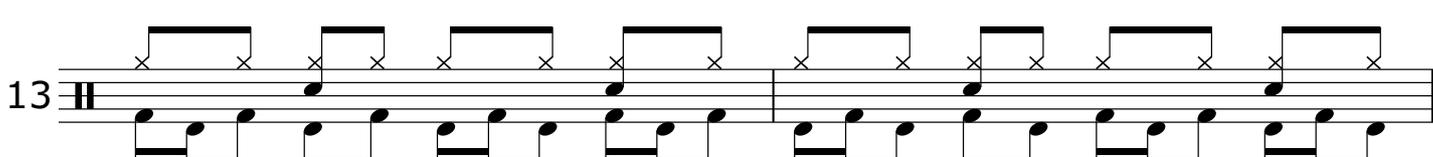
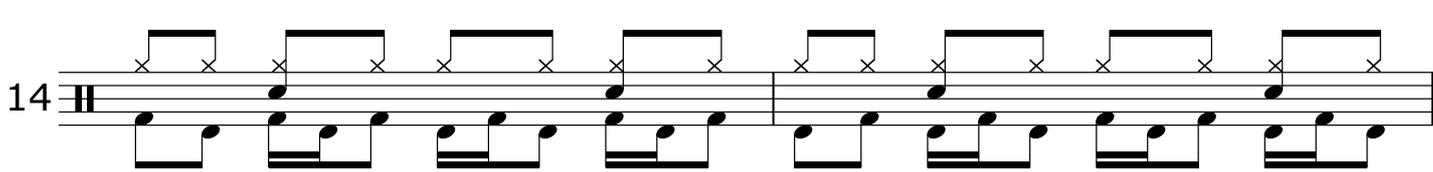


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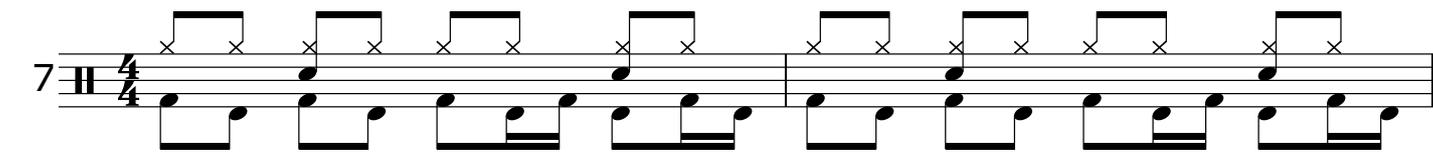
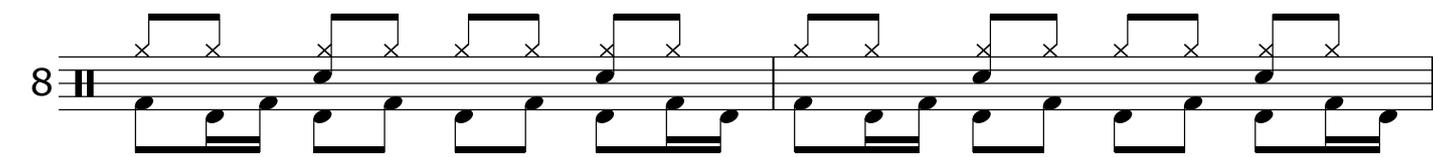
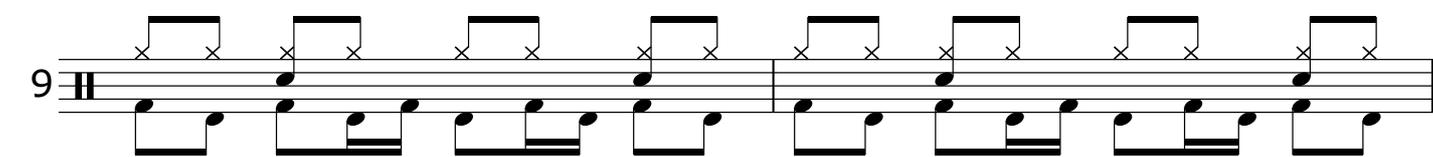
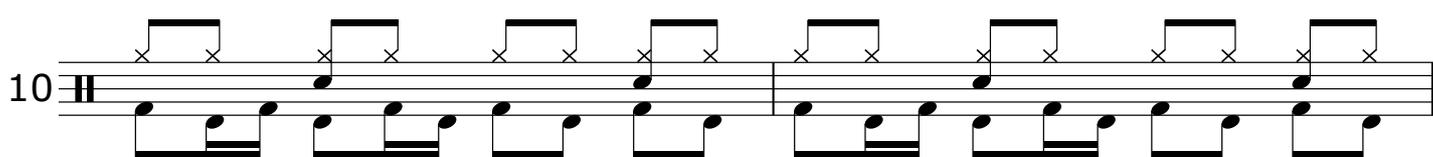
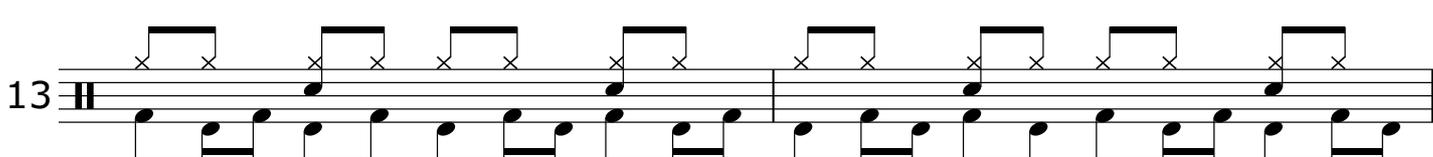
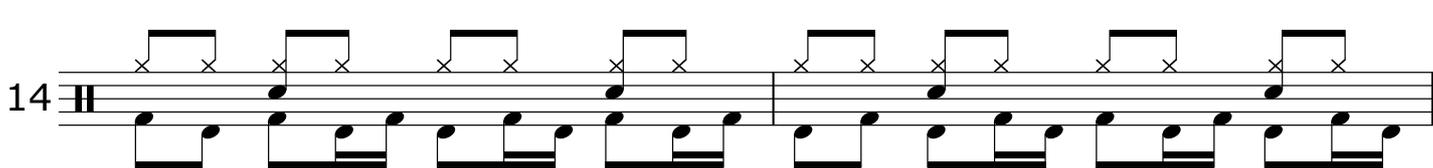


16th notes

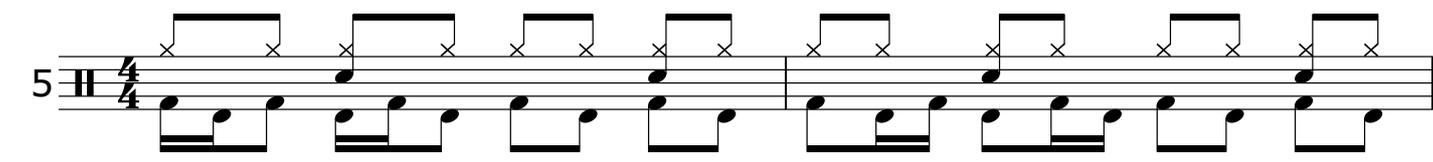
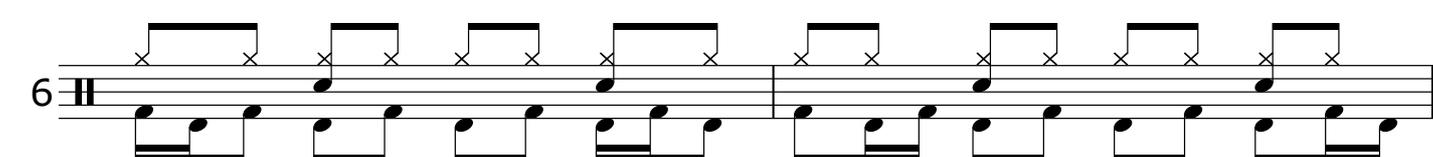
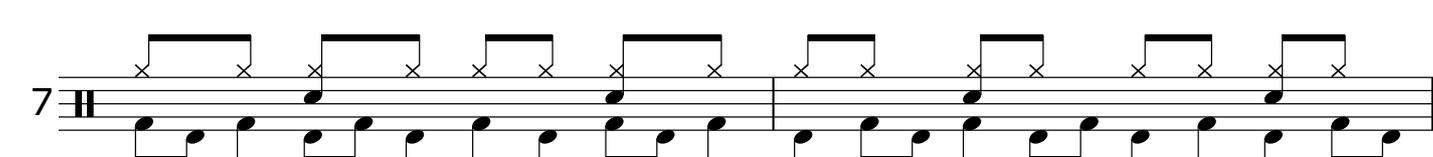
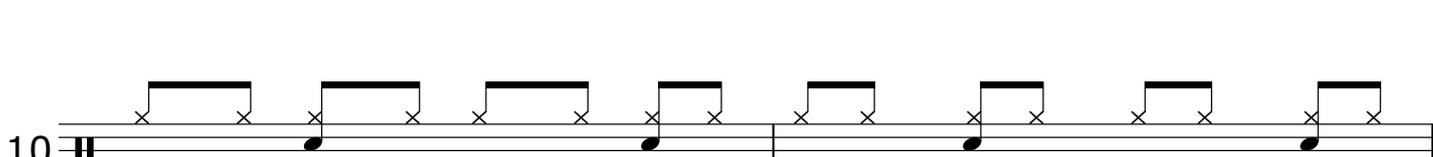
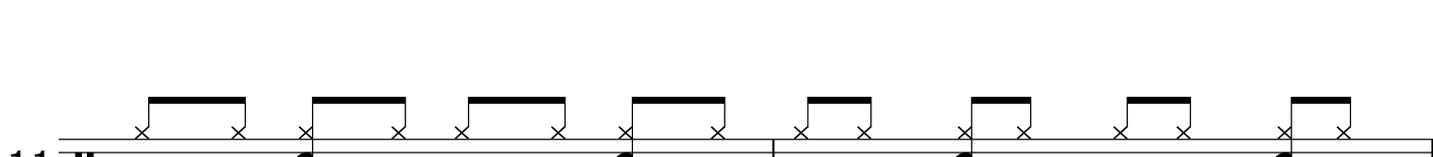
The image displays six staves of musical notation, numbered 1 through 6 on the left. Each staff begins with a treble clef, a key signature of one flat (B-flat), and a 4/4 time signature. The notation is organized into two measures per staff, separated by a vertical bar line. The first measure of each staff contains four groups of beamed eighth notes, each group consisting of two notes. Above each of these groups is a bracket with an 'x' at each end, indicating a specific rhythmic pattern. The second measure of each staff contains four groups of beamed eighth notes, each group consisting of two notes. Above each of these groups is a bracket with an 'x' at each end, indicating a specific rhythmic pattern. The notes are primarily eighth notes, with some sixteenth notes appearing in the second measure of each staff.

7  8  9  10  11  12  13  14 

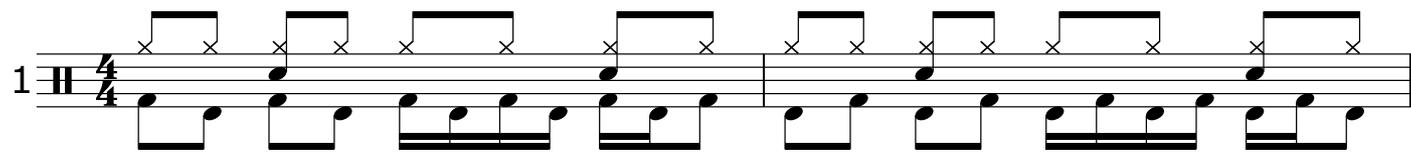
The image displays six staves of musical notation, numbered 1 through 6, arranged vertically. Each staff begins with a treble clef, a key signature of one flat (B-flat), and a 4/4 time signature. The notation is organized into two measures per staff, separated by a vertical bar line. The first measure of each staff contains four chords, each marked with an 'x' above it, indicating a specific fingering or technique. The second measure contains a sequence of eighth notes, with some notes beamed together. The overall structure suggests a rhythmic exercise or a short piece for a stringed instrument.

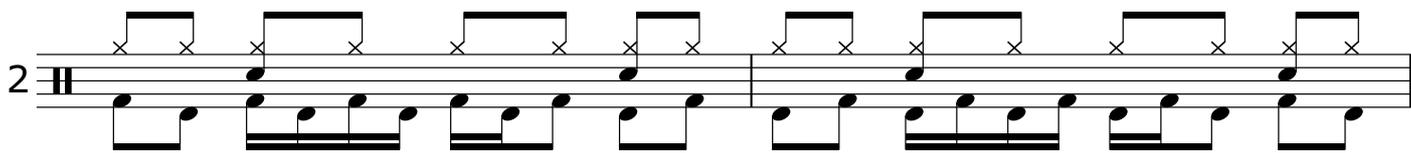
7  8  9  10  11  12  13  14 

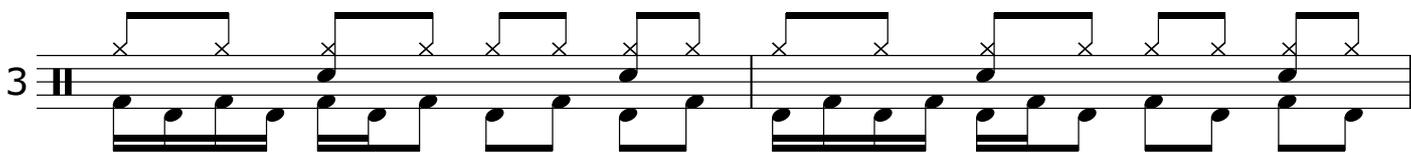
The image displays a musical score for four staves, labeled 1 through 4. The music is written in 4/4 time, indicated by the time signature at the beginning of the first staff. Each staff begins with a treble clef and a key signature of one flat (B-flat). The notation consists of rhythmic patterns. The upper staff of each system contains 'x' marks above the notes, likely representing fingerings or specific articulations. The lower staff of each system contains eighth notes, some of which are beamed together in pairs. The score is divided into two measures by a vertical bar line in the middle of each system.

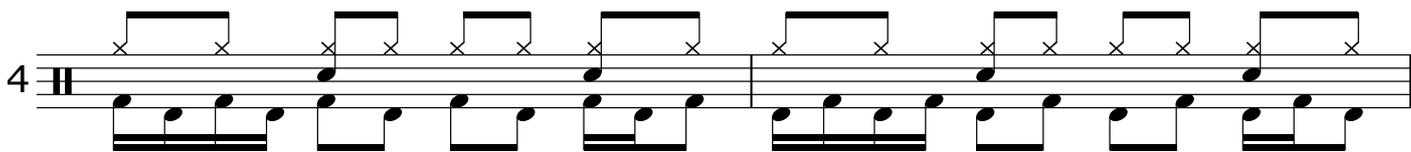
5  6  7  8  9  10  11 

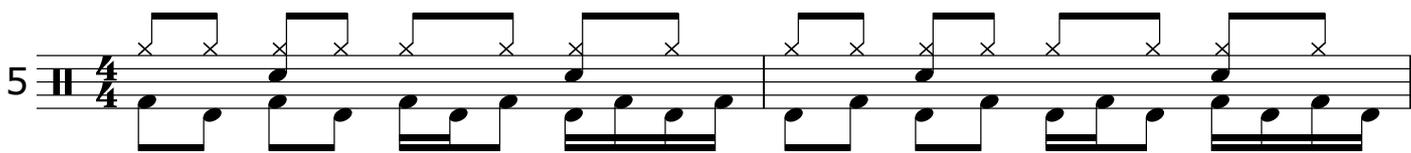
The image displays seven systems of musical notation for guitar, numbered 5 through 11. Each system consists of two staves. The top staff of each system contains rhythmic notation with 'x' marks above the notes, indicating fretted strings. The bottom staff contains the corresponding musical notes. The first system (5) includes a 4/4 time signature and a key signature of one sharp (F#). The subsequent systems (6-11) do not have explicit time signatures or key signatures. The notation is consistent across all systems, showing a rhythmic pattern of eighth and quarter notes.

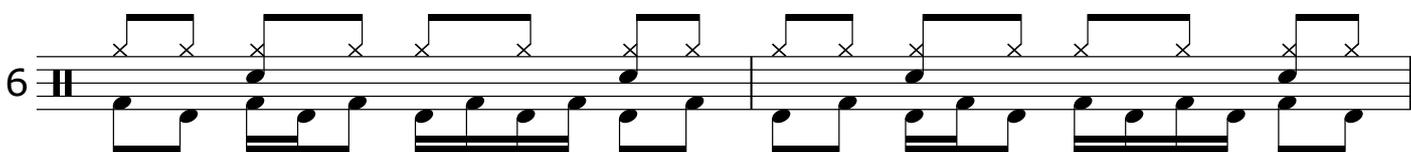
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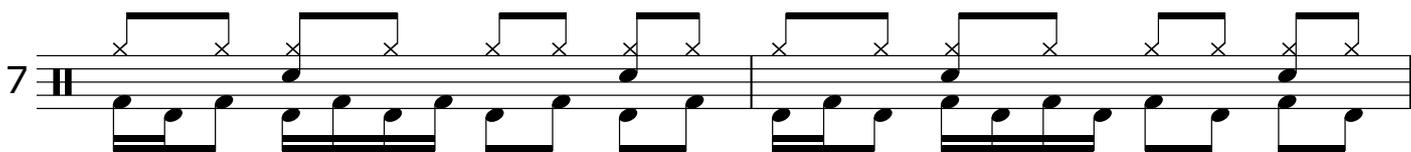
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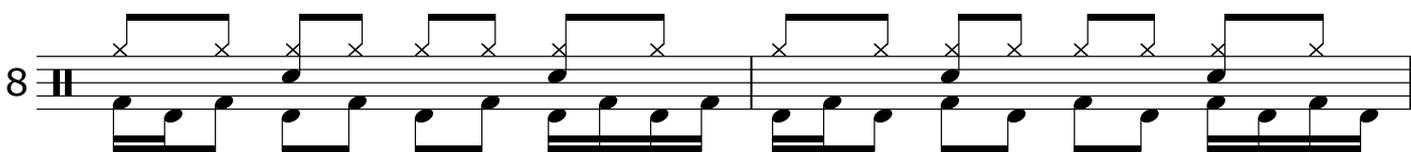
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8 

The image displays a musical score for guitar, consisting of eight systems of staves, numbered 9 through 16. Each system contains two staves. The notation is rhythmic and includes 'x' marks above notes, indicating muted strings. The time signature is 4/4, with a key signature of one flat (B-flat). The notation is as follows:

- System 9:** Staff 1 has notes on strings 1, 2, 3, 4, 5, 6 with 'x' marks. Staff 2 has notes on strings 1, 2, 3, 4, 5, 6.
- System 10:** Staff 1 has notes on strings 1, 2, 3, 4, 5, 6 with 'x' marks. Staff 2 has notes on strings 1, 2, 3, 4, 5, 6.
- System 11:** Staff 1 has notes on strings 1, 2, 3, 4, 5, 6 with 'x' marks. Staff 2 has notes on strings 1, 2, 3, 4, 5, 6.
- System 12:** Staff 1 has notes on strings 1, 2, 3, 4, 5, 6 with 'x' marks. Staff 2 has notes on strings 1, 2, 3, 4, 5, 6.
- System 13:** Staff 1 has notes on strings 1, 2, 3, 4, 5, 6 with 'x' marks. Staff 2 has notes on strings 1, 2, 3, 4, 5, 6.
- System 14:** Staff 1 has notes on strings 1, 2, 3, 4, 5, 6 with 'x' marks. Staff 2 has notes on strings 1, 2, 3, 4, 5, 6.
- System 15:** Staff 1 has notes on strings 1, 2, 3, 4, 5, 6 with 'x' marks. Staff 2 has notes on strings 1, 2, 3, 4, 5, 6.
- System 16:** Staff 1 has notes on strings 1, 2, 3, 4, 5, 6 with 'x' marks. Staff 2 has notes on strings 1, 2, 3, 4, 5, 6.

1

2

3

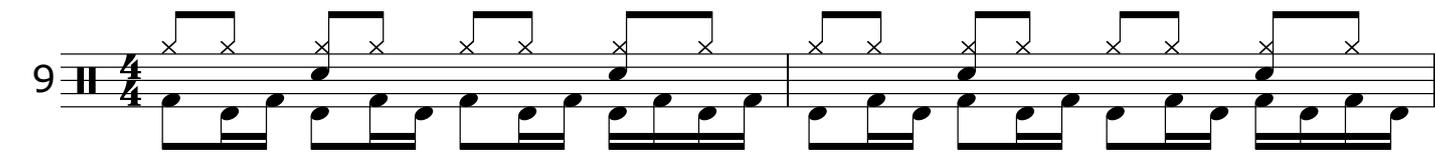
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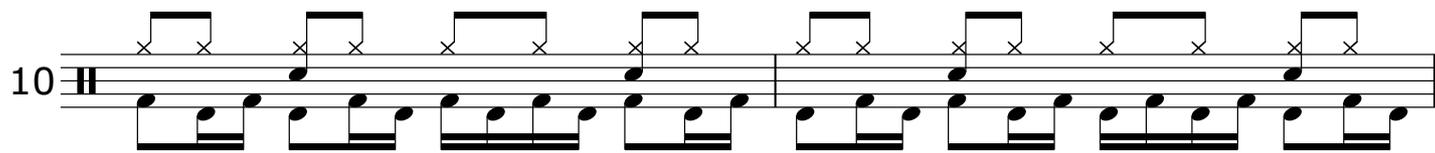
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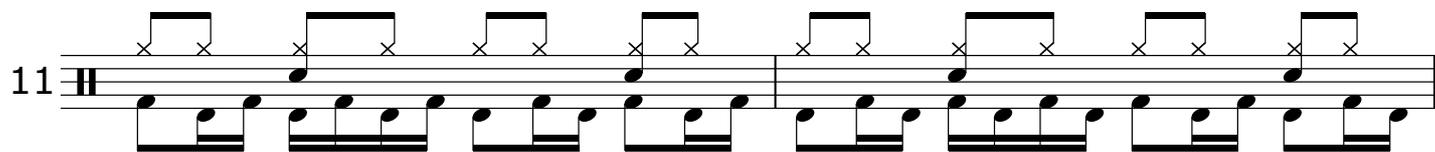
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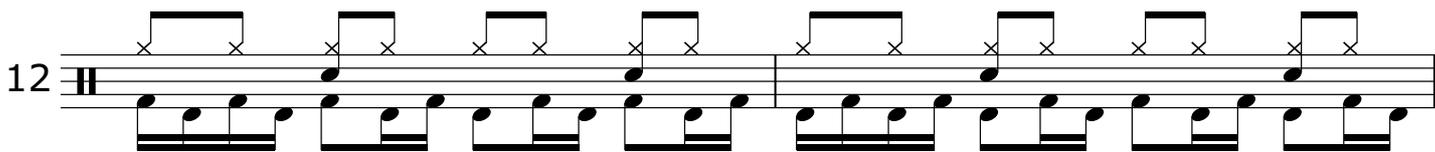
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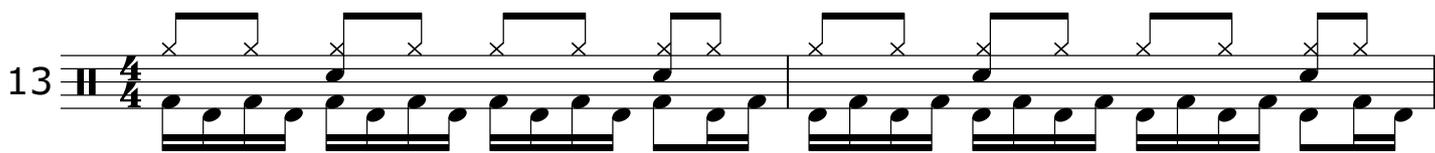
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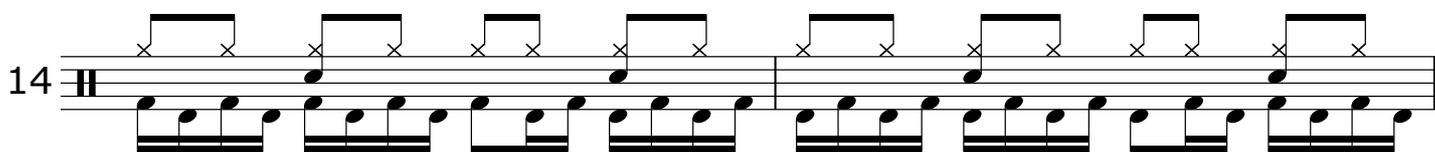
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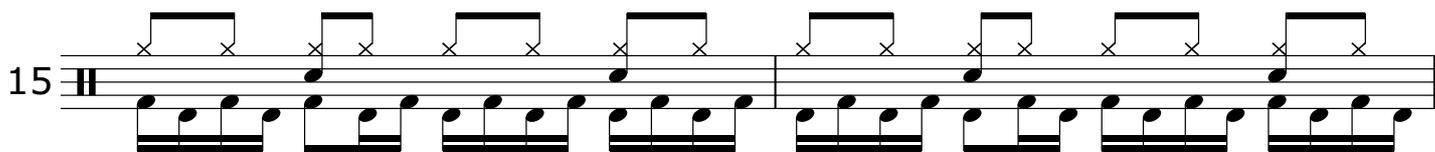
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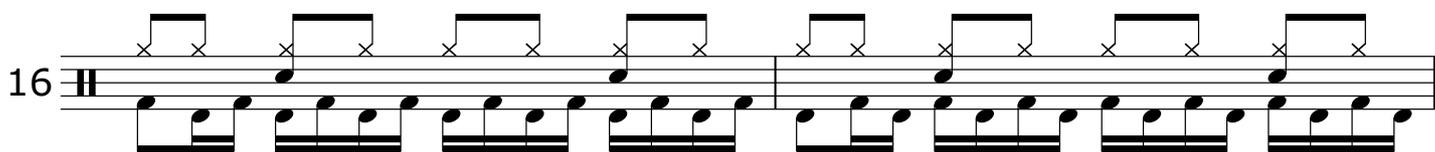
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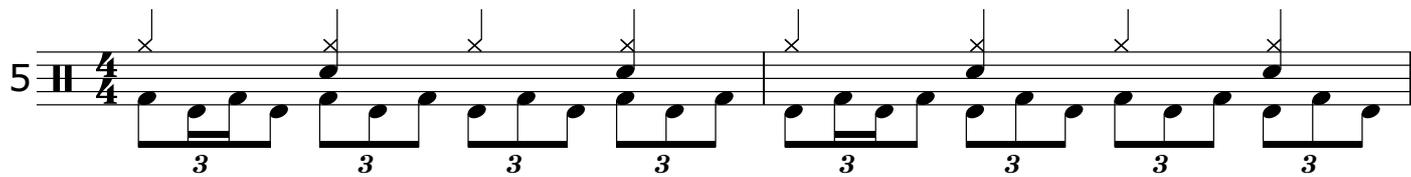
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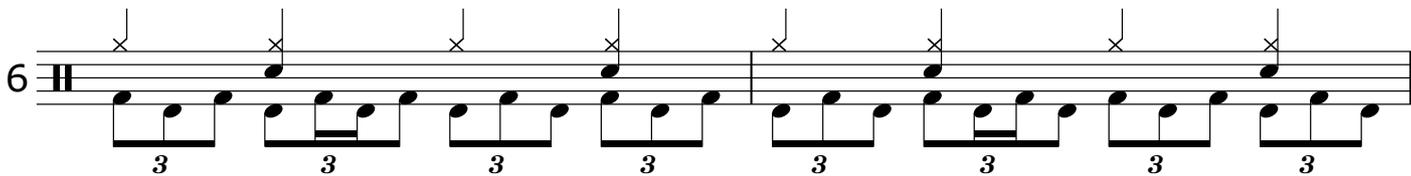
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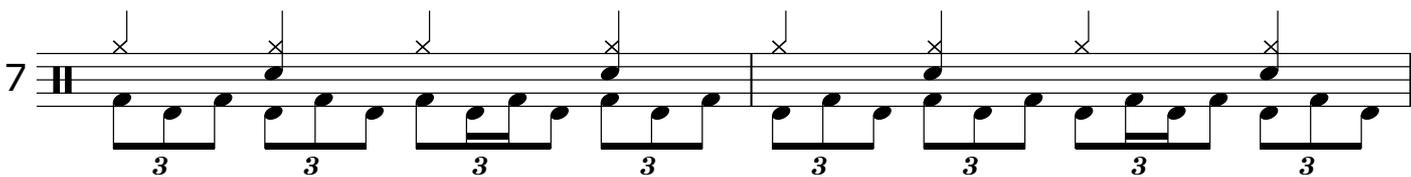
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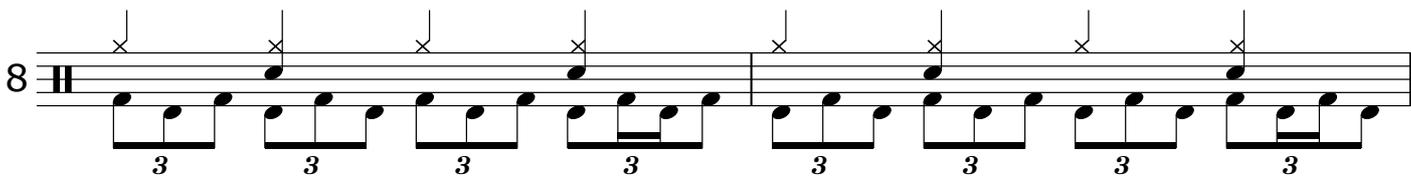
8th note triplets

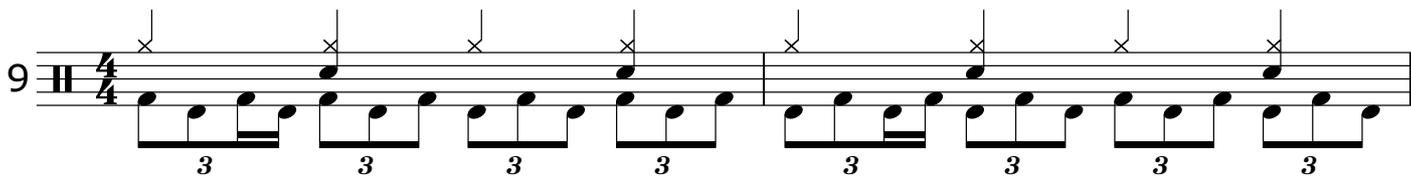
The image displays four staves of musical notation, numbered 1 through 4, illustrating 8th note triplets. Each staff begins with a treble clef, a key signature of one flat (B-flat), and a 4/4 time signature. The notation consists of two measures per staff. In the first measure, there are four groups of eighth note triplets, each starting on a different line of the staff (lines 1, 2, 3, and 4). In the second measure, there are four groups of eighth note triplets, each starting on a different space of the staff (spaces 1, 2, 3, and 4). Each triplet is marked with a '3' below it. Above each staff, there are four 'x' marks, one above each group of triplets in both measures, indicating the starting point of each triplet.

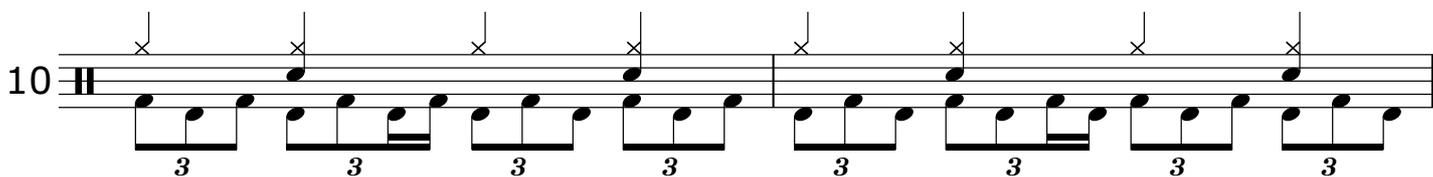
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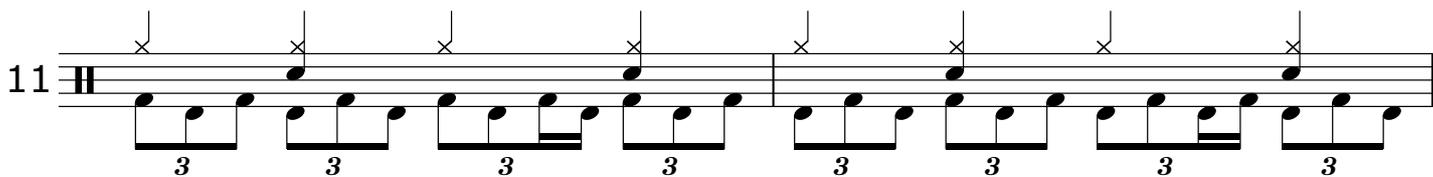
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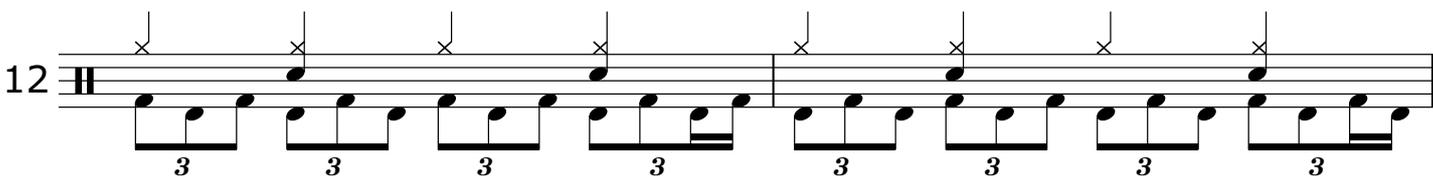
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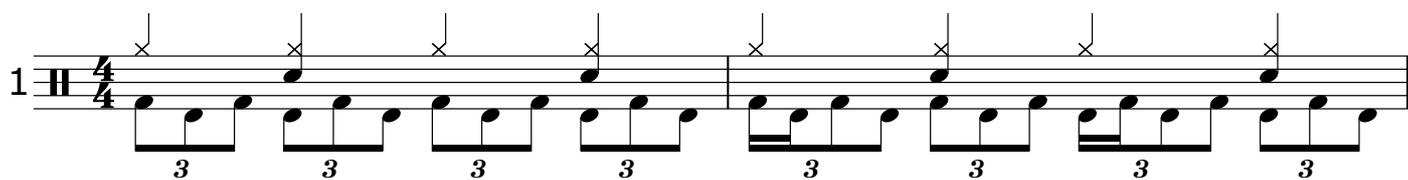
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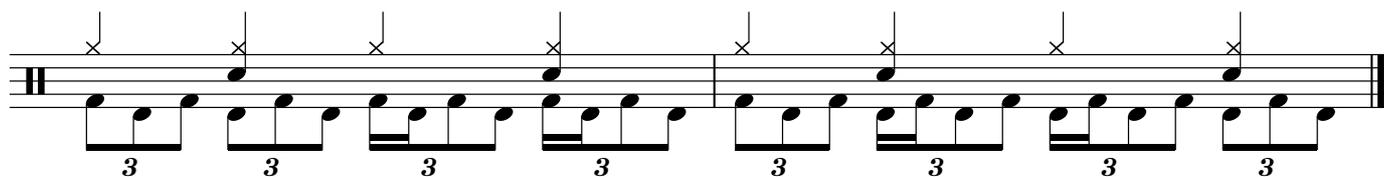
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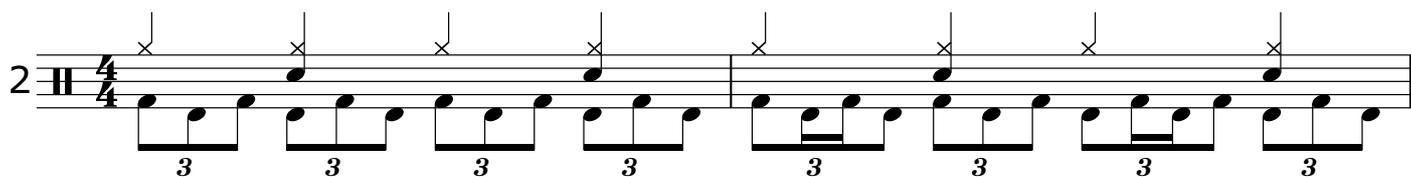
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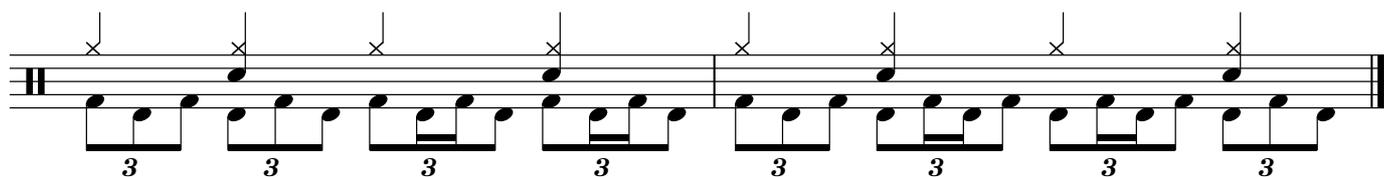
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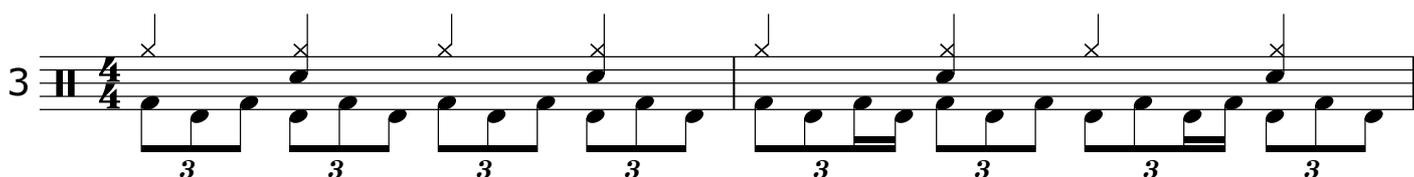
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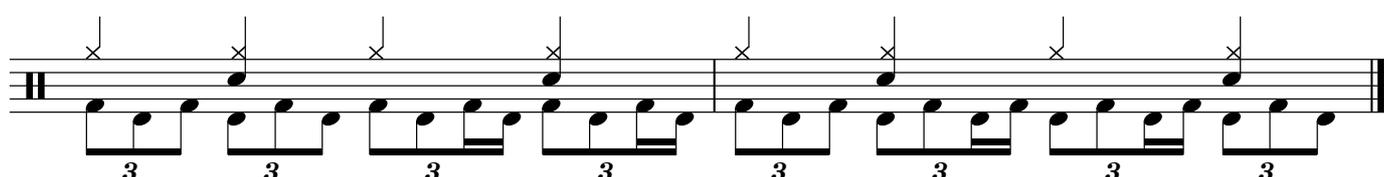
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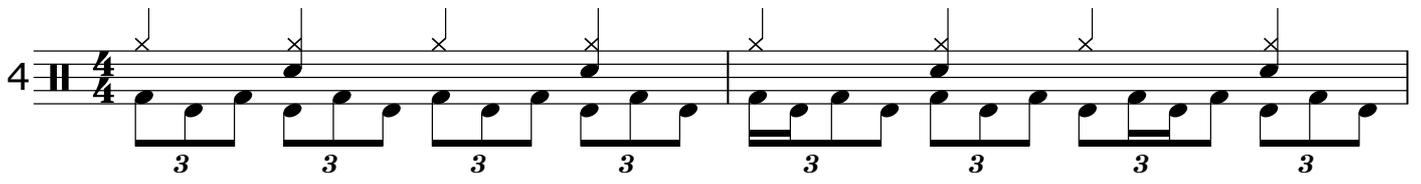


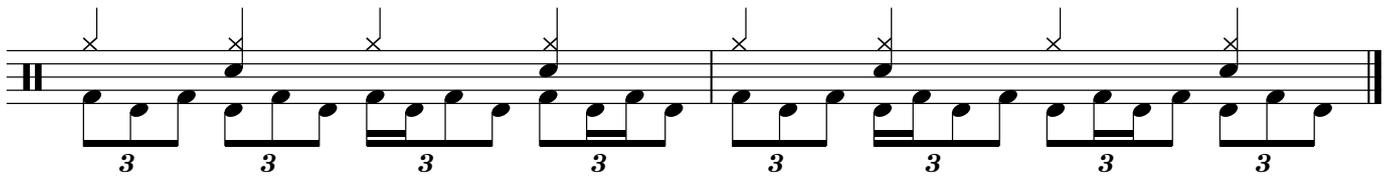
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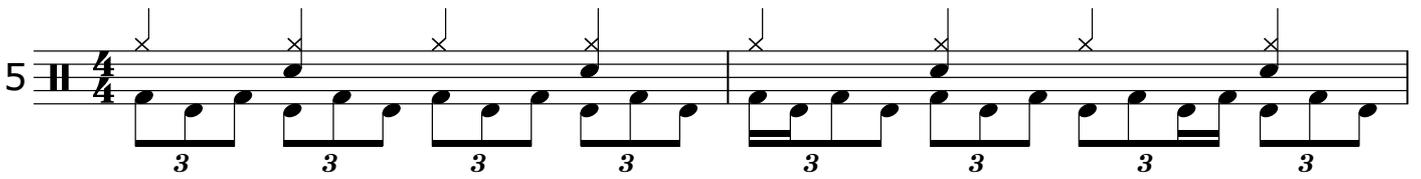


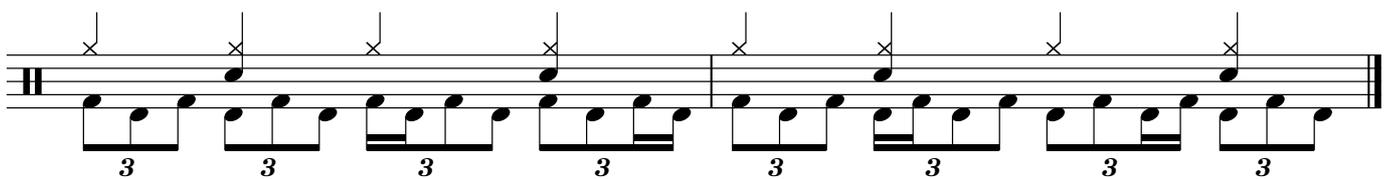
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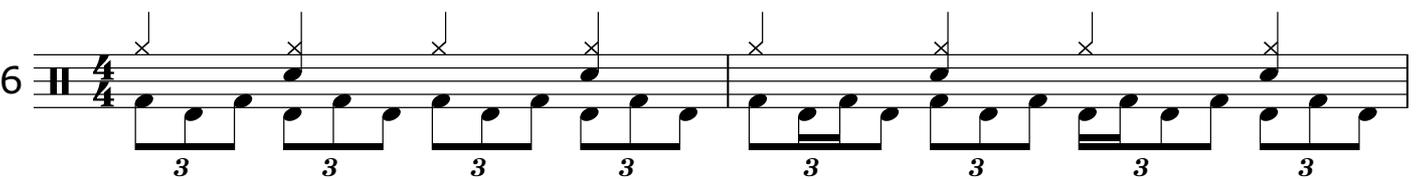


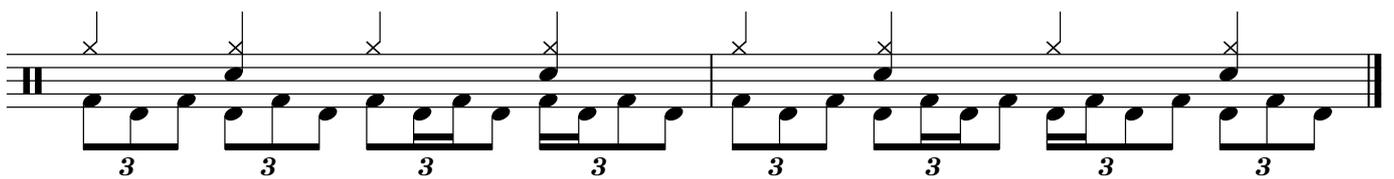
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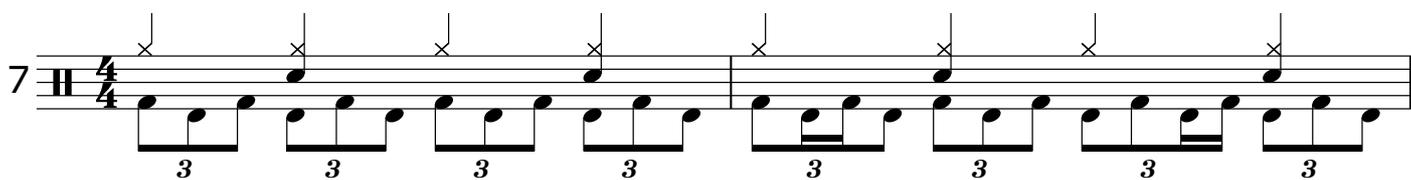


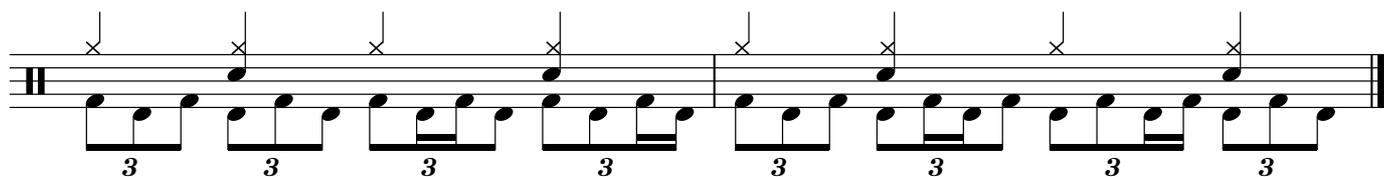
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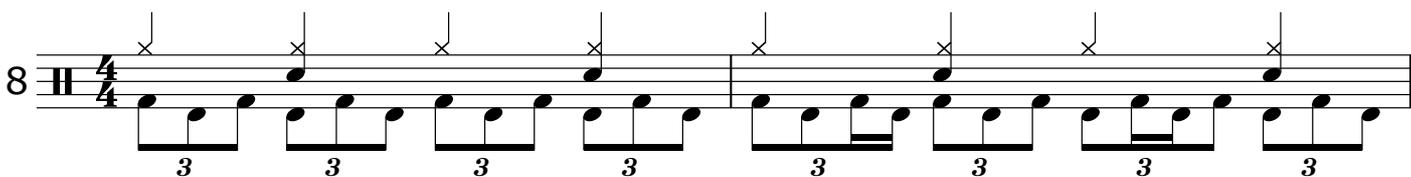


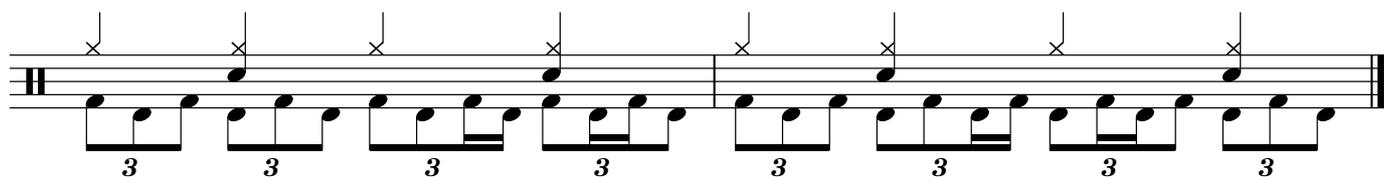
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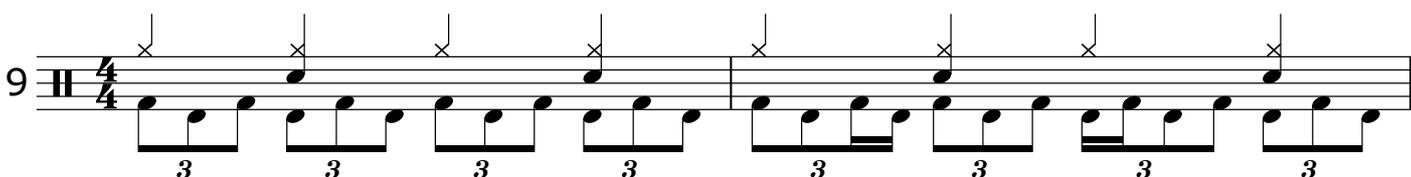


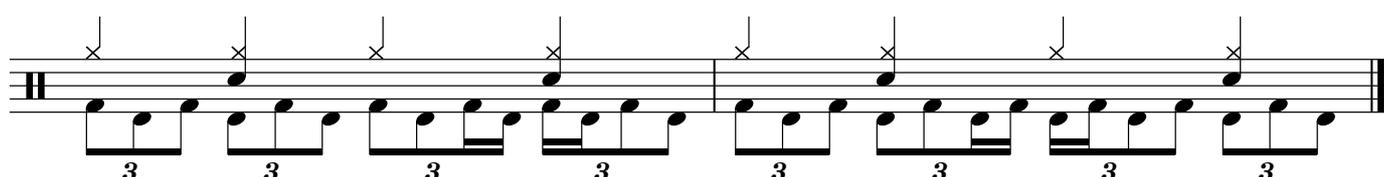
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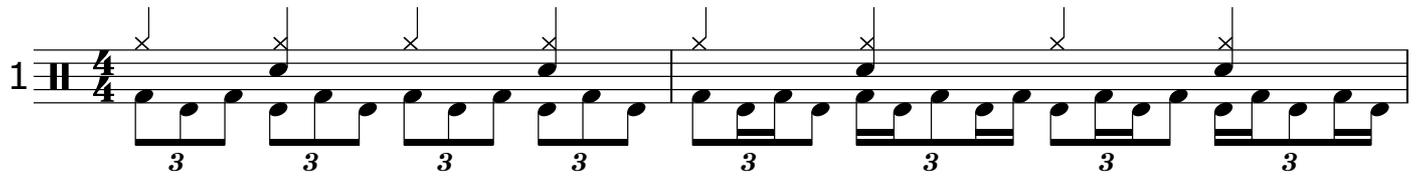
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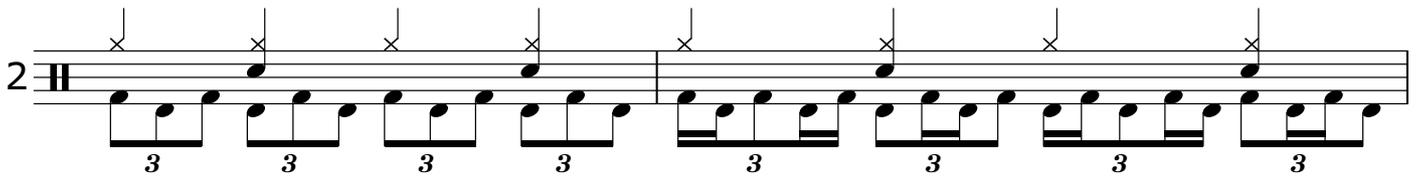
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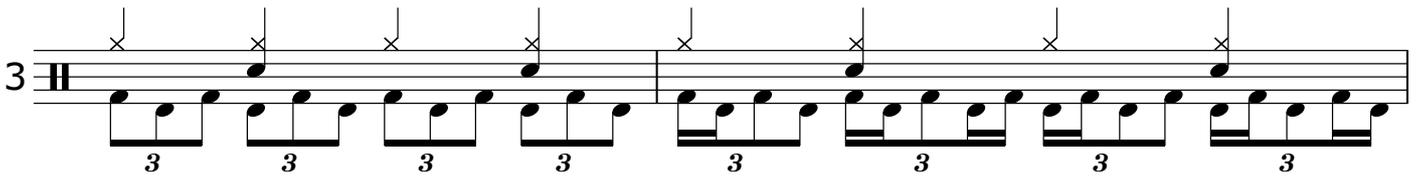
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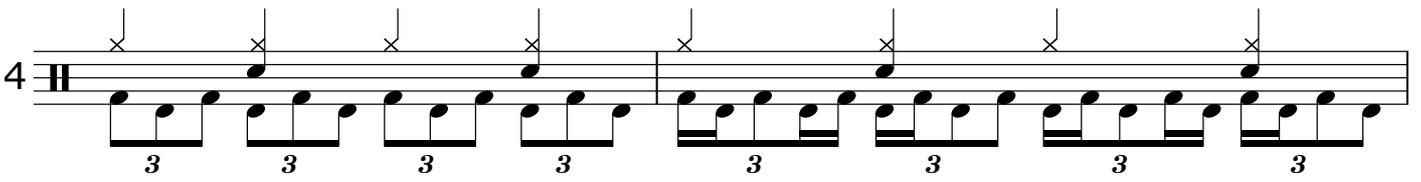
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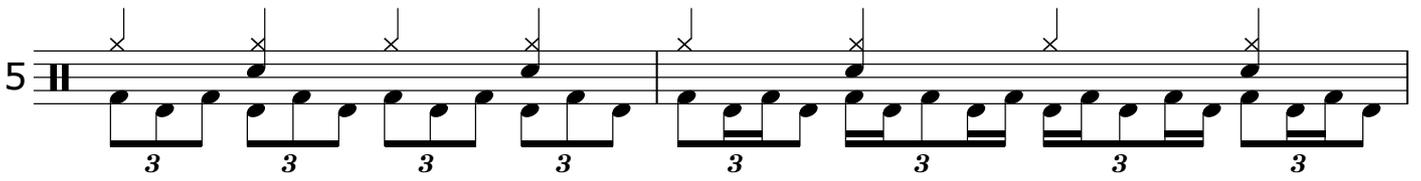
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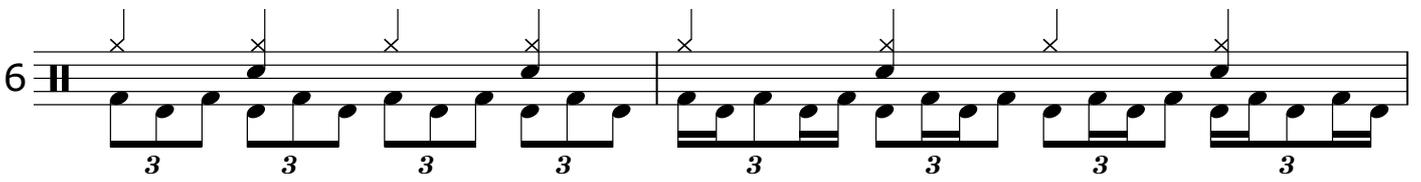
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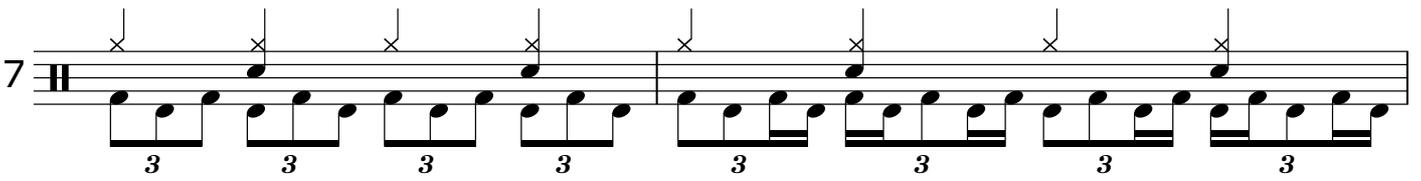
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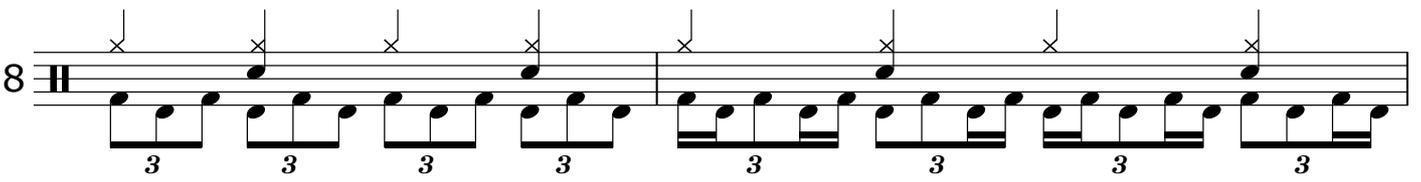
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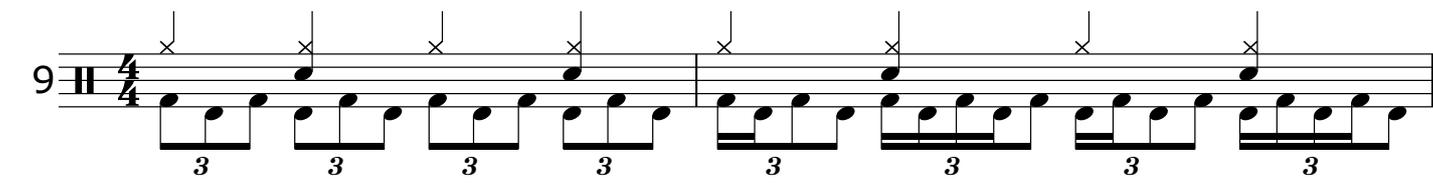
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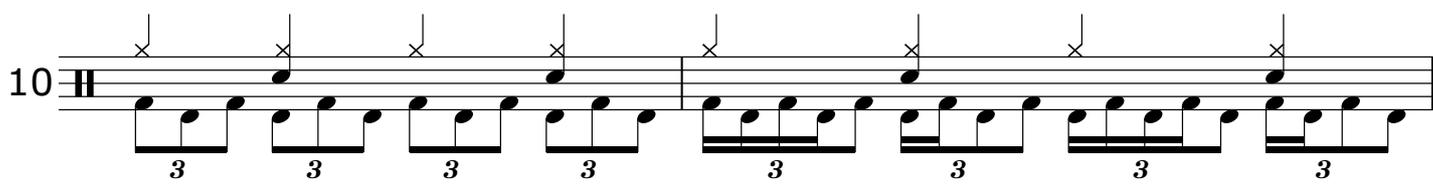
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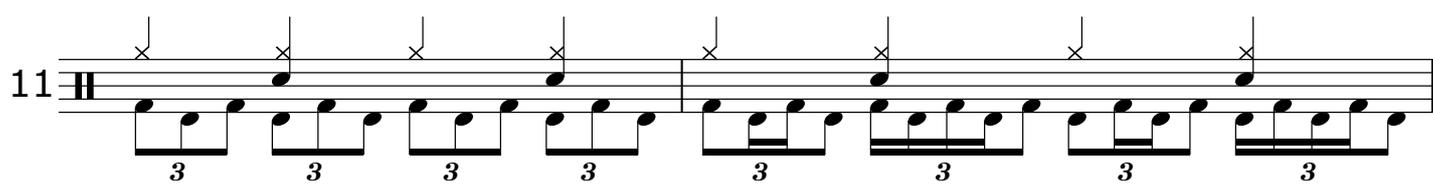
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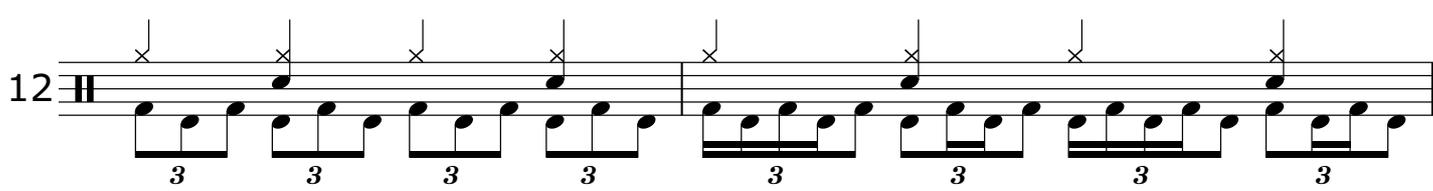
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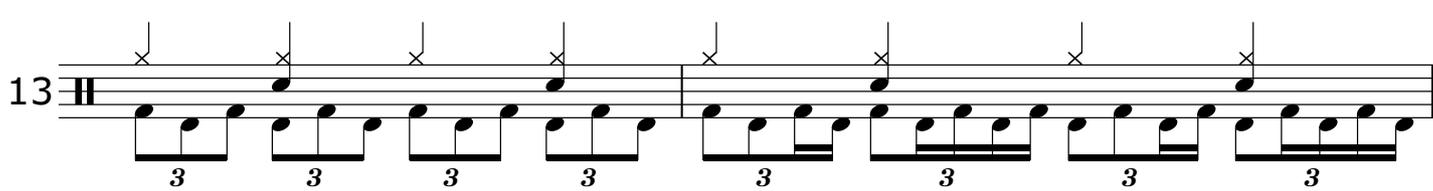
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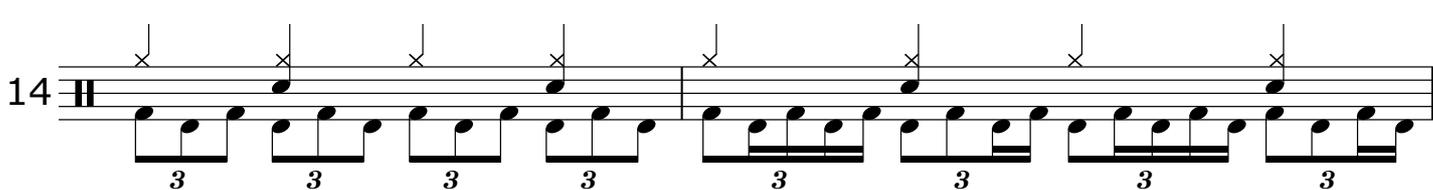
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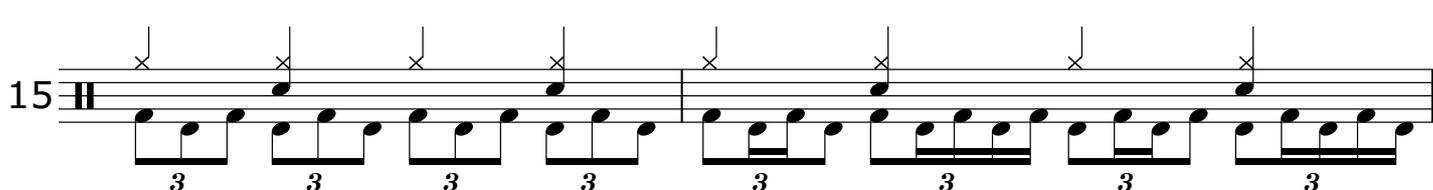
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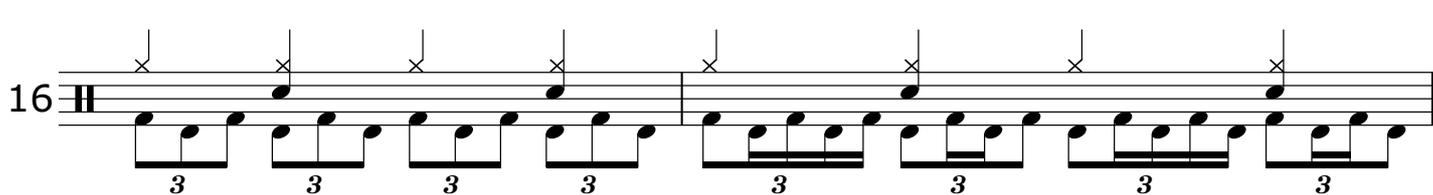
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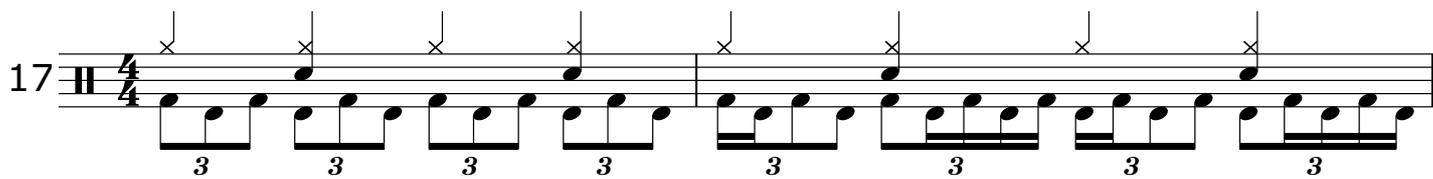
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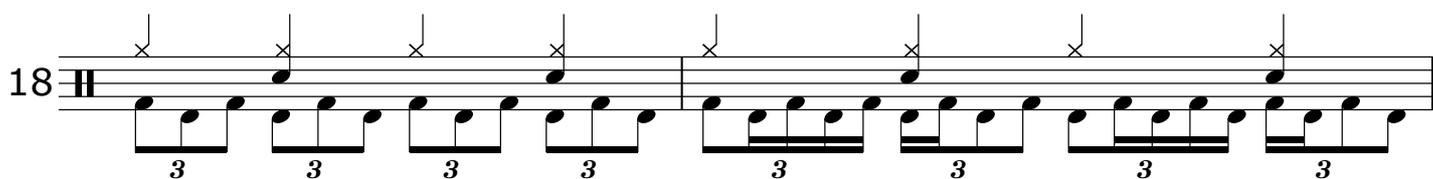
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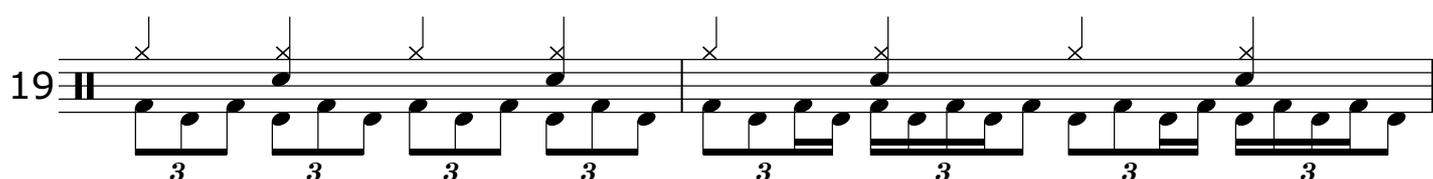
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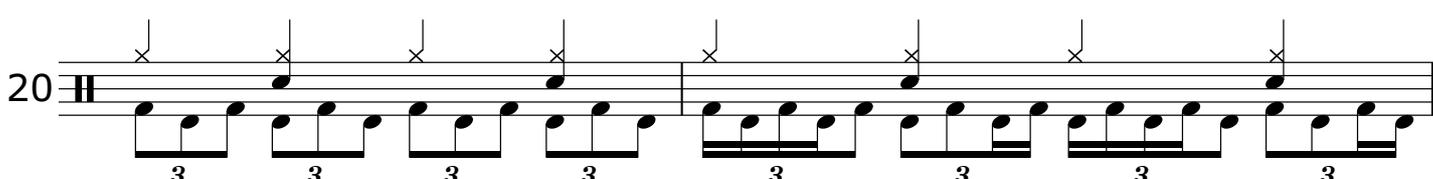
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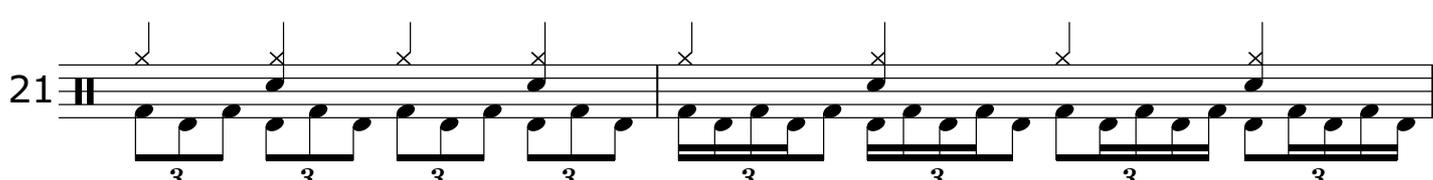
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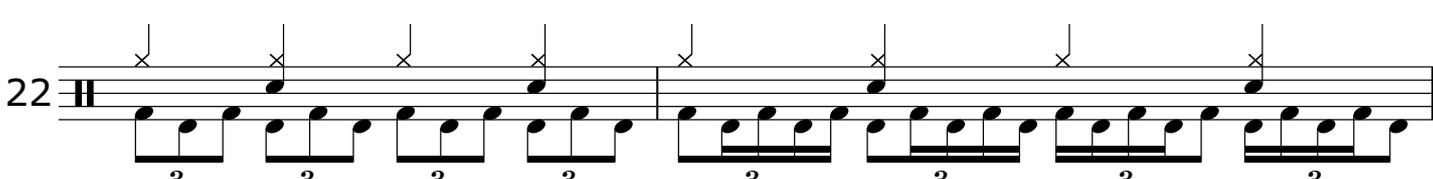
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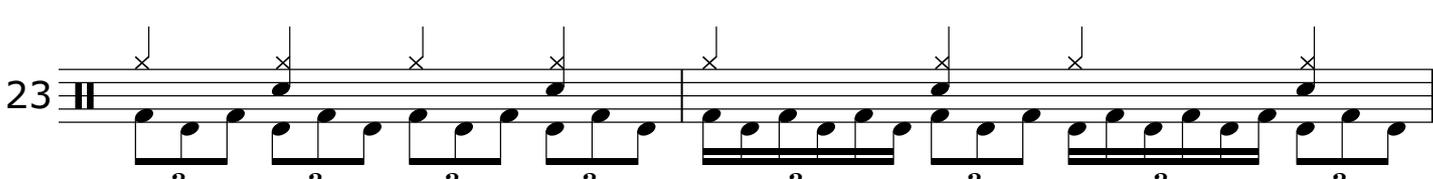
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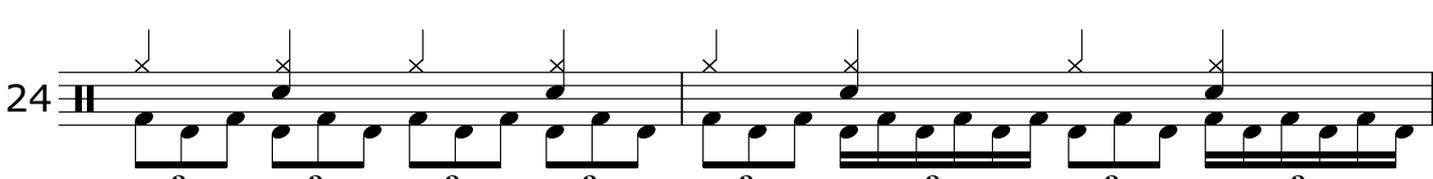
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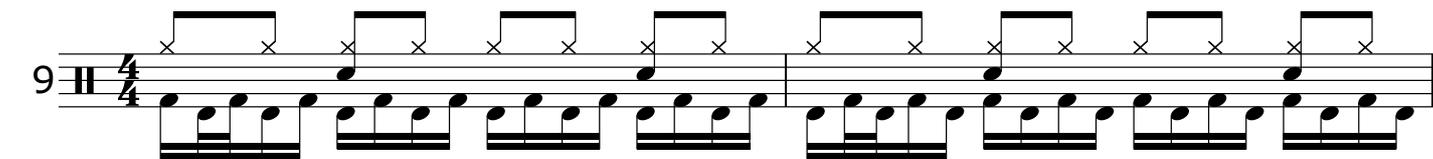
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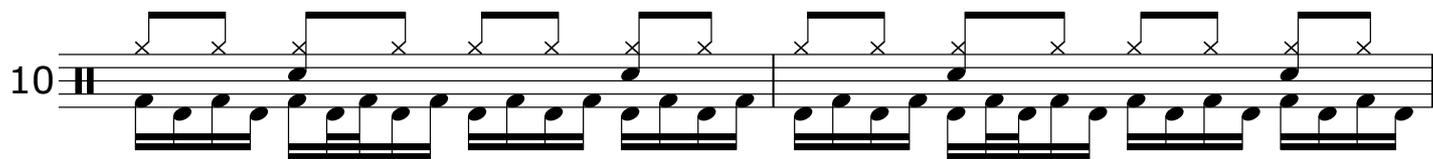
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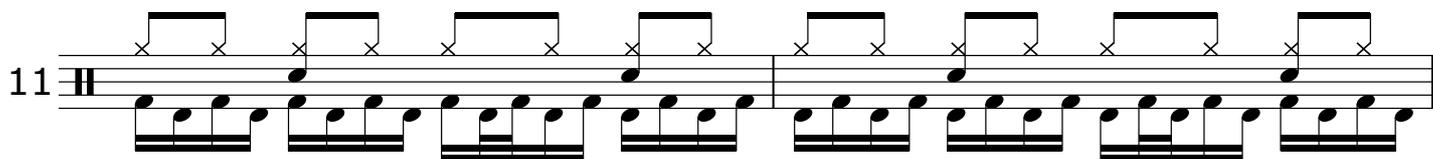
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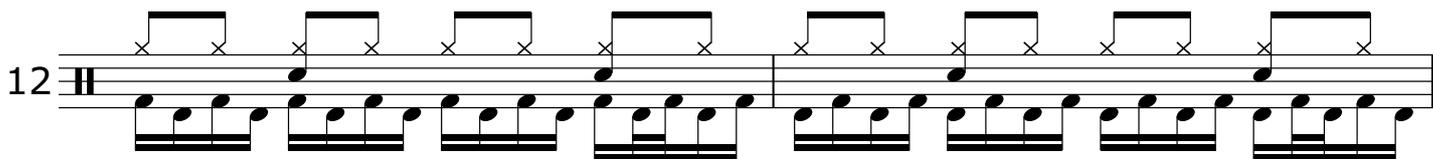
32nd notes

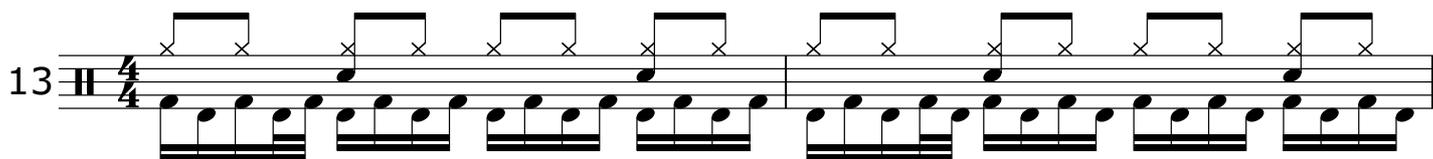
The image displays a musical score for 8 staves, numbered 1 through 8. Each staff is written in a treble clef and 4/4 time signature. The score is organized into two measures per staff. The notes are arranged in a pattern that repeats every 8 staves. The top staff of each system has a treble clef and a 4/4 time signature. The bottom staff of each system has a treble clef. The notes are arranged in a pattern that repeats every 8 staves.

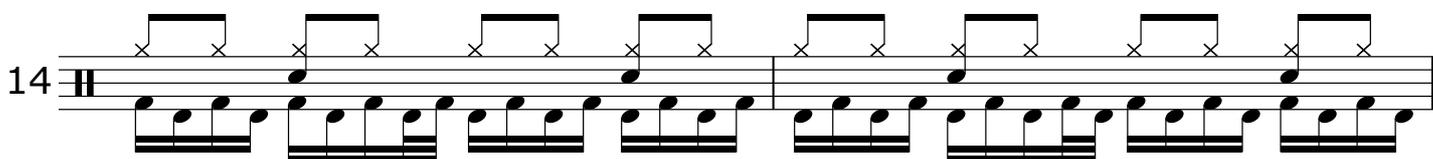
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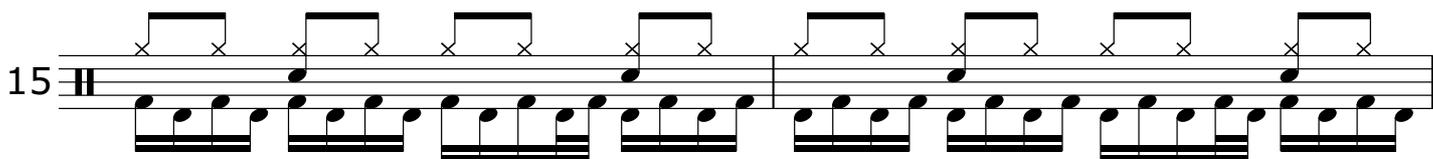
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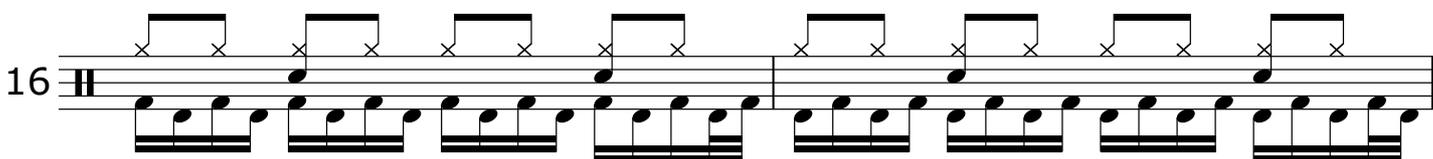
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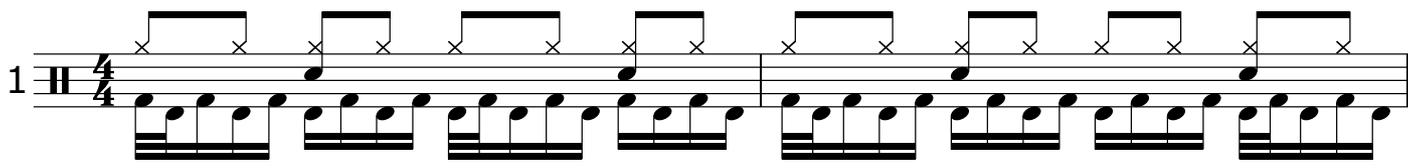
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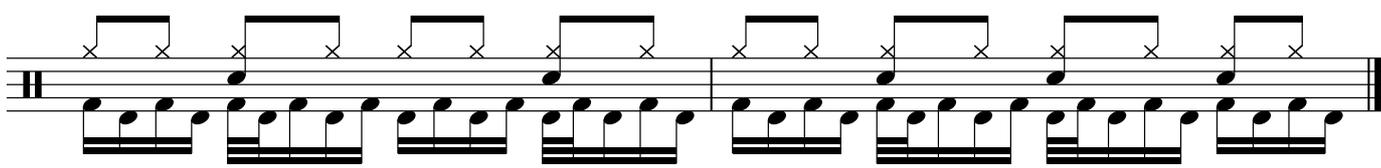
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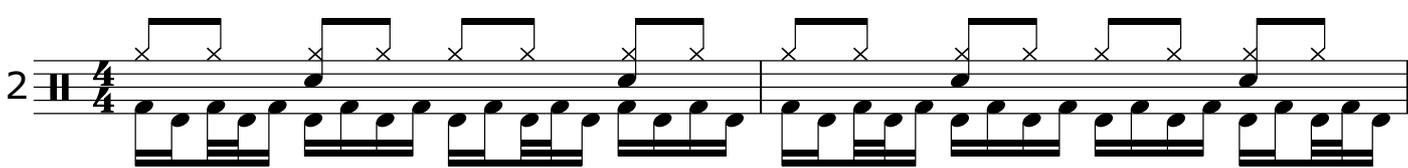
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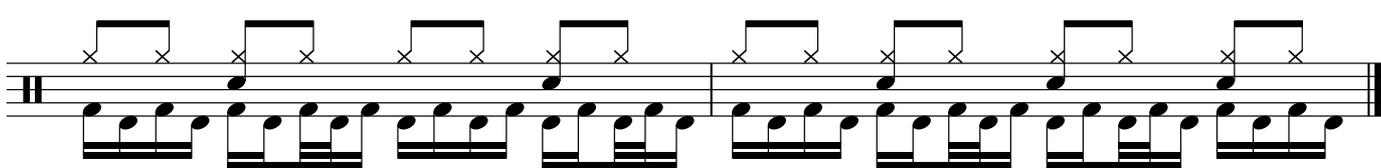
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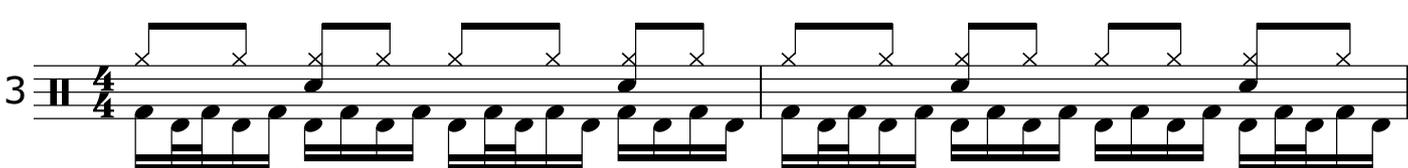
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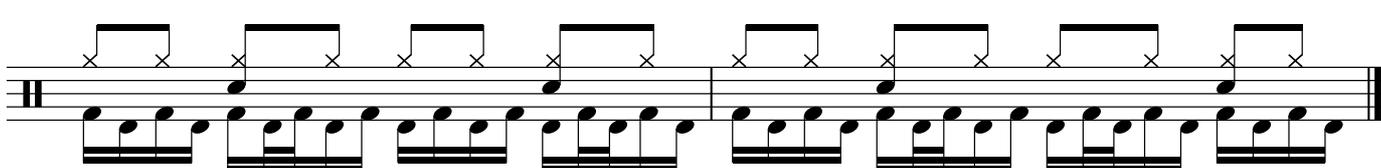
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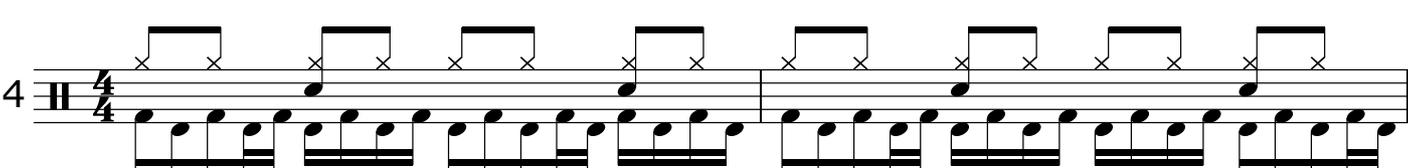


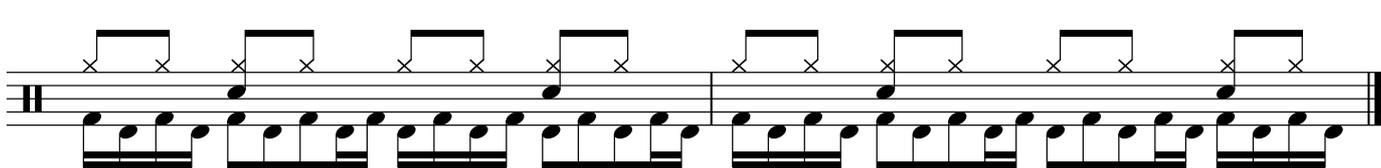
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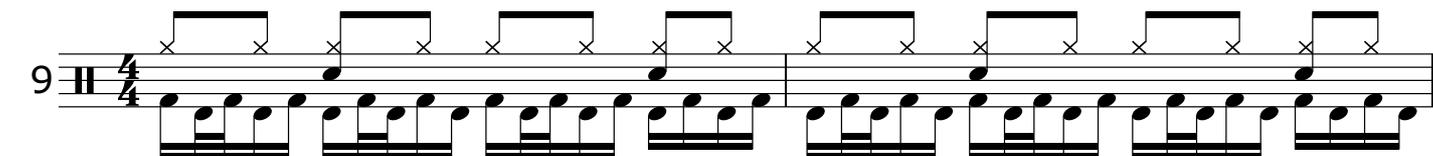
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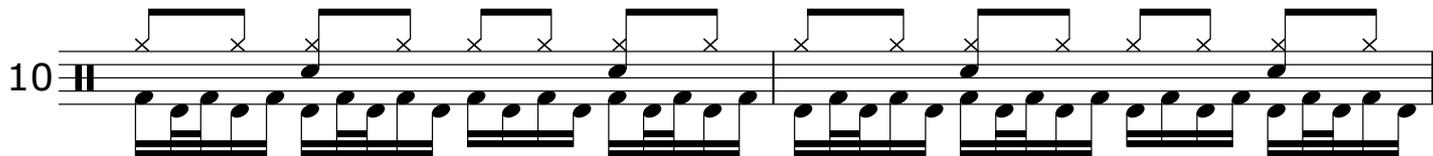


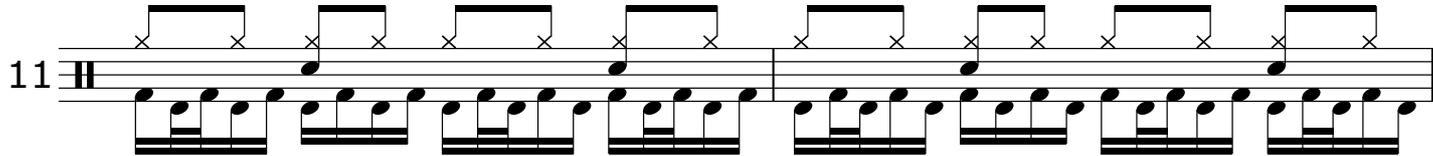
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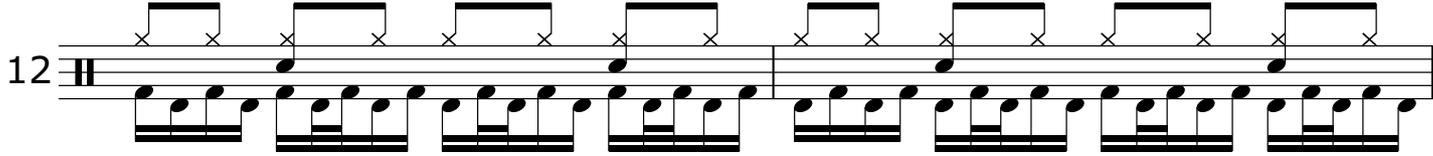


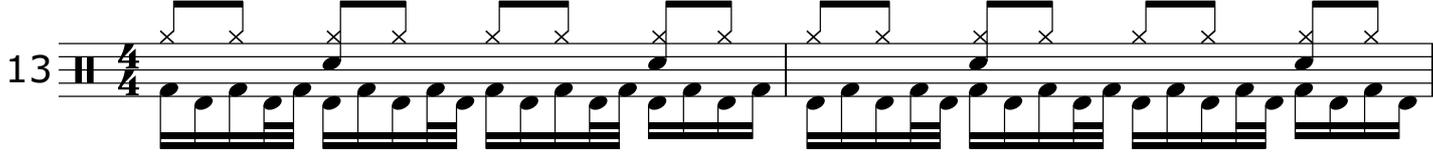
The image displays a page of musical notation for a drum set, consisting of eight numbered staves (1-8) arranged in two systems of four staves each. The time signature is 4/4. Each staff contains a rhythmic pattern of notes and rests, with 'x' marks above the notes indicating cymbal hits. The notation is organized into two systems of four staves each. The first system (staves 1-4) and the second system (staves 5-8) follow the same rhythmic structure. The notes are primarily eighth and sixteenth notes, with rests indicating when the drum is not played. The 'x' marks are placed above the notes to denote cymbal accents.

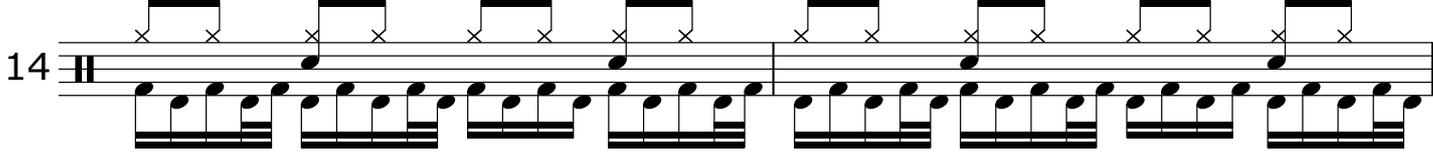
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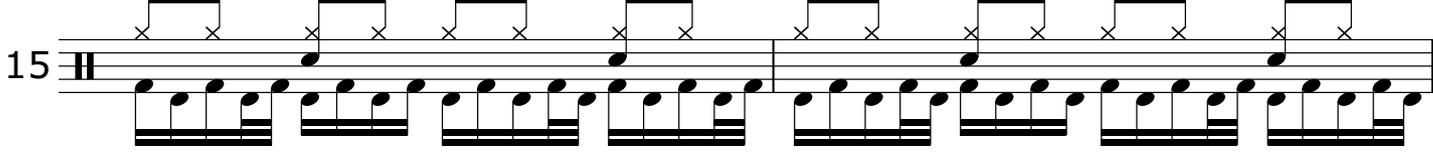
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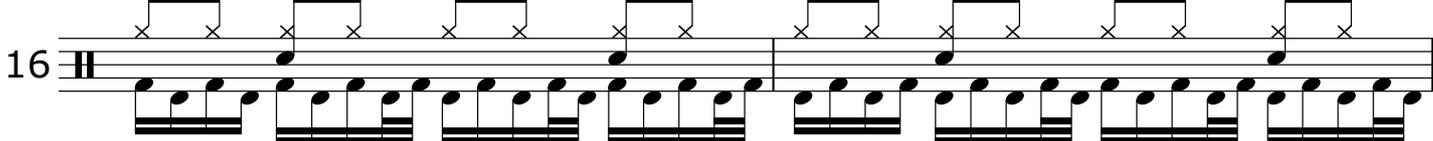
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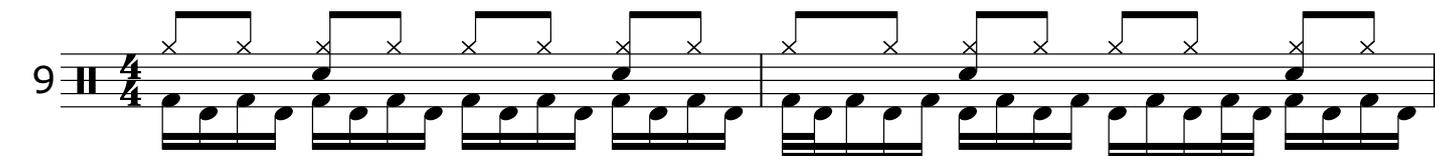
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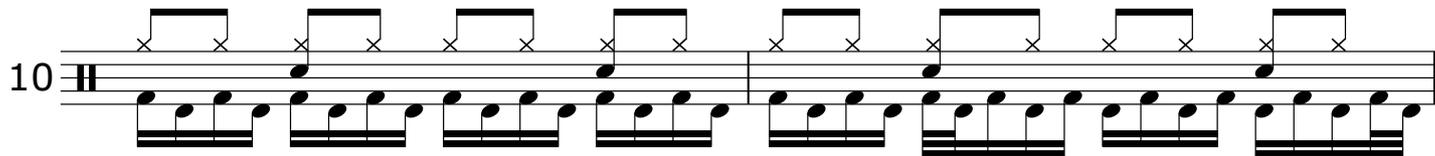
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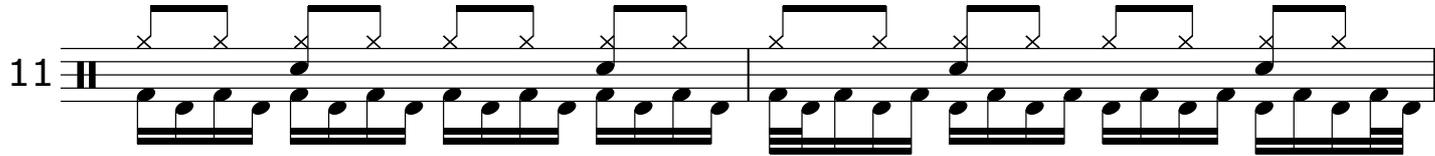
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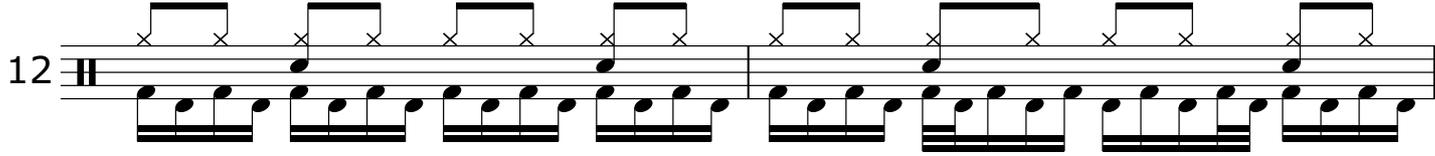
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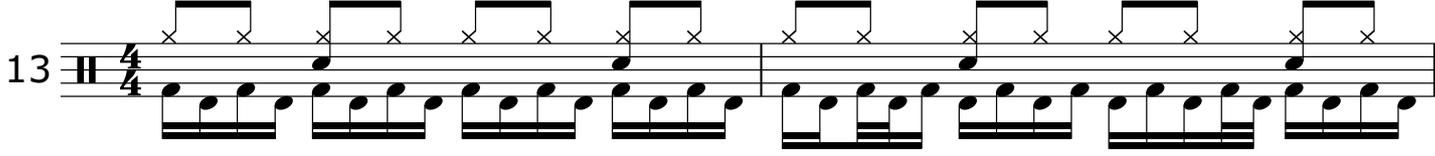
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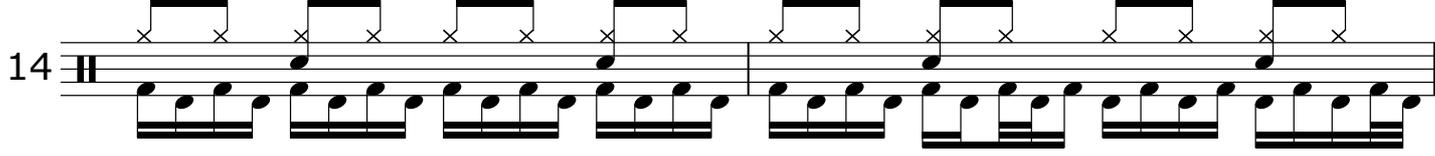
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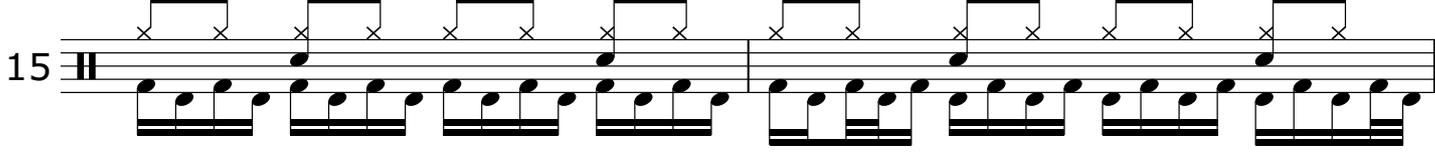
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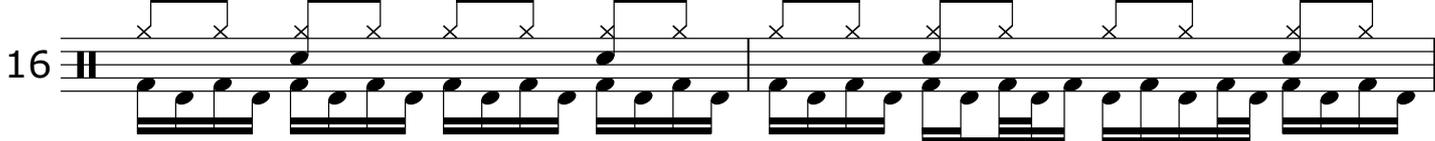
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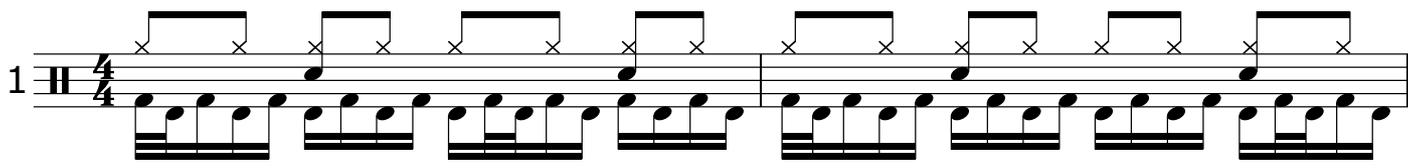
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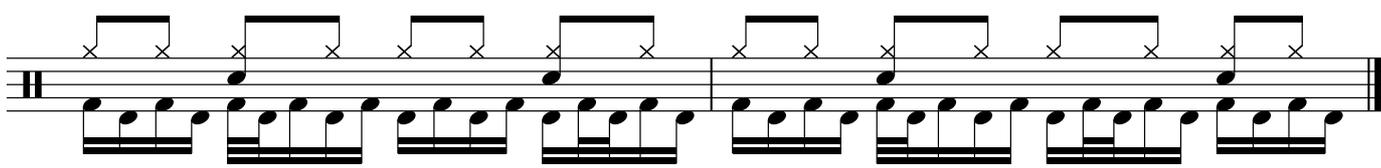
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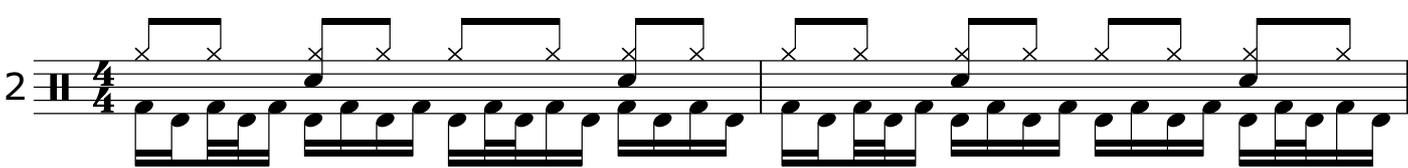
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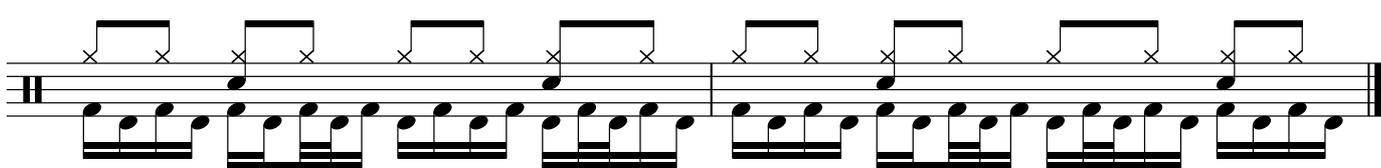
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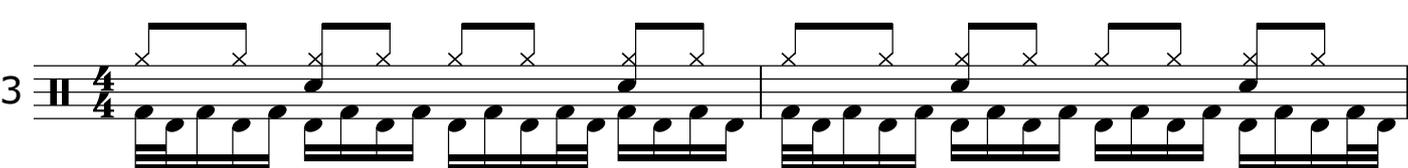
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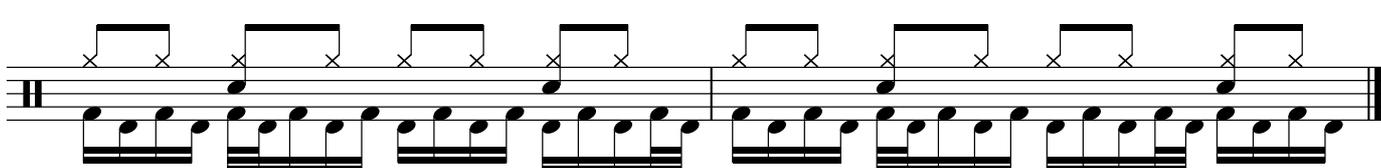
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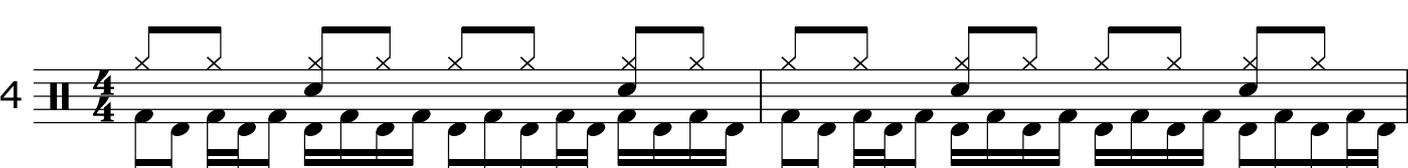


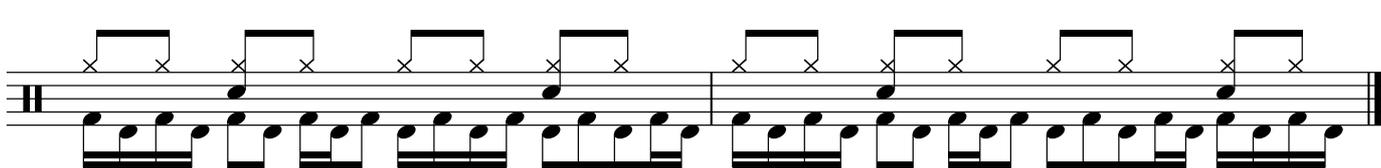
2 



3 



4 



1 H $\frac{4}{4}$

2 H

3 H

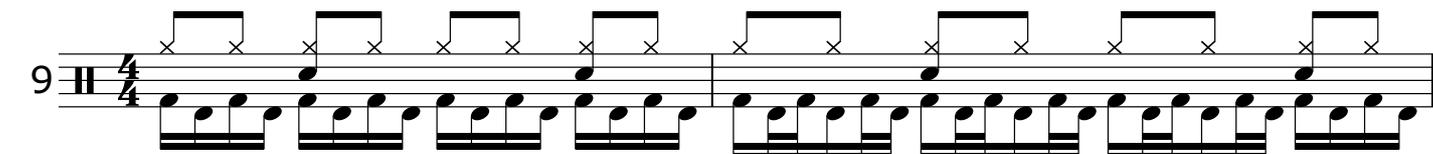
4 H

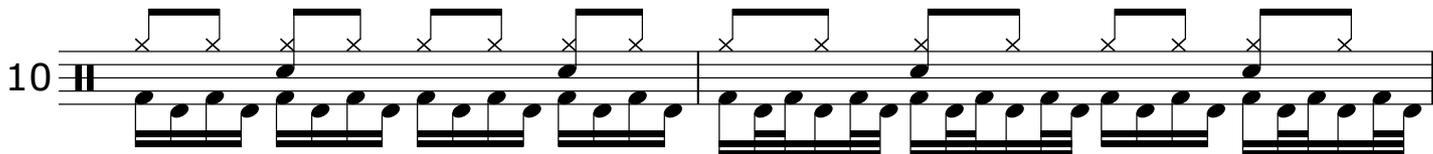
5 H $\frac{4}{4}$

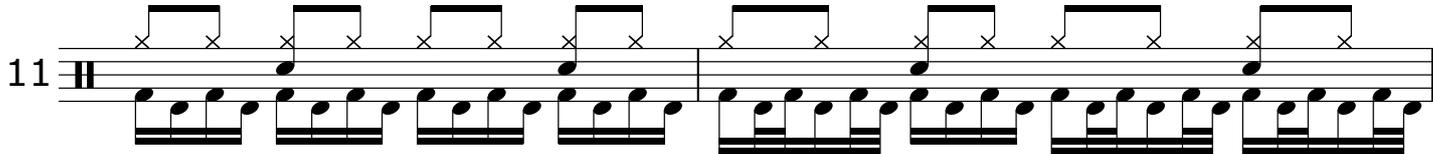
6 H

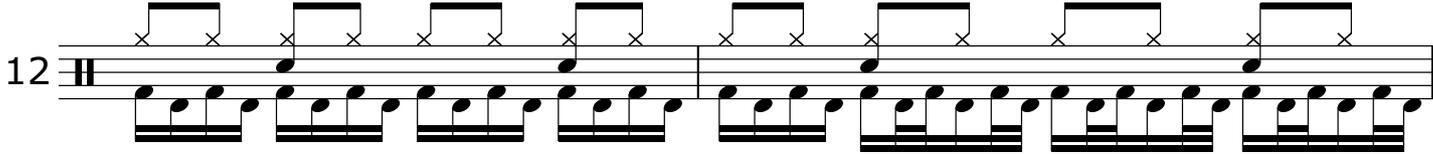
7 H

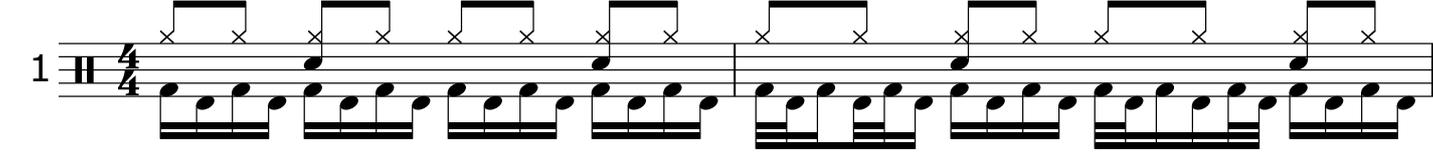
8 H

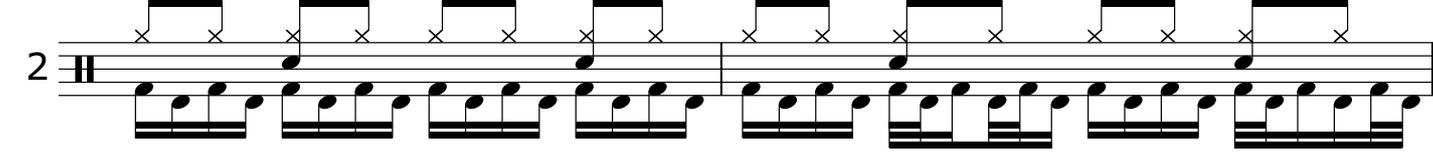
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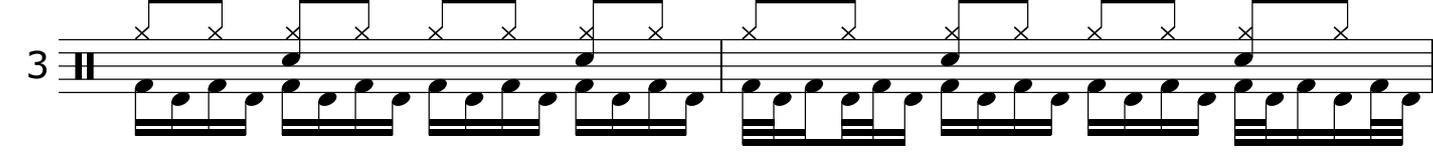
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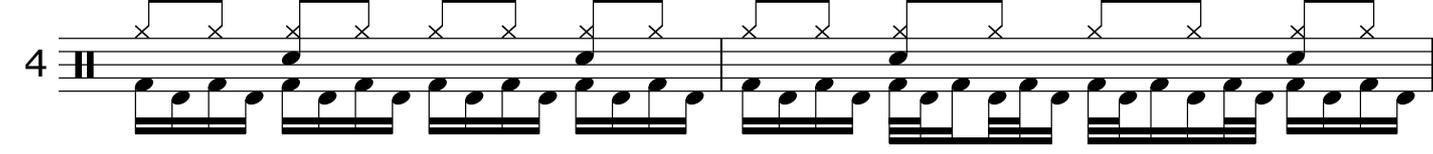
11 

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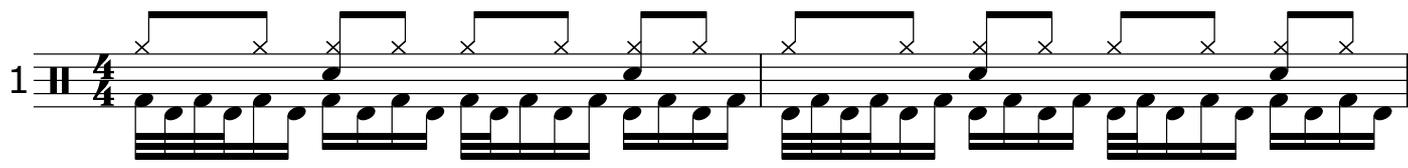
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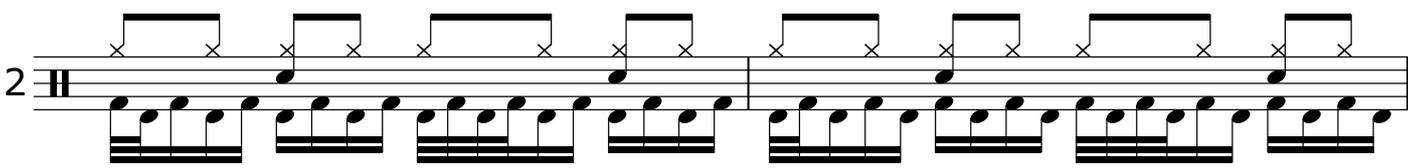
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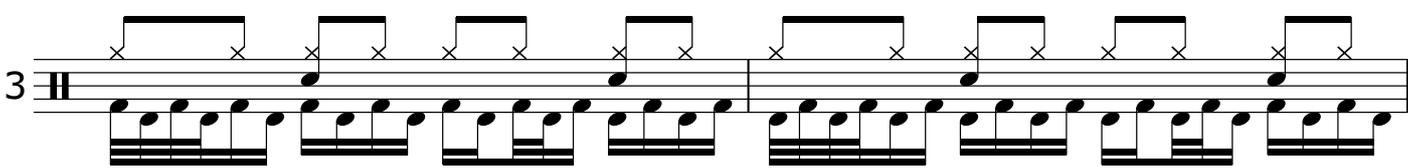
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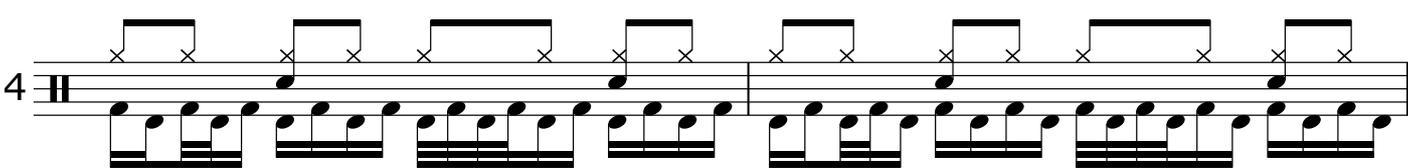
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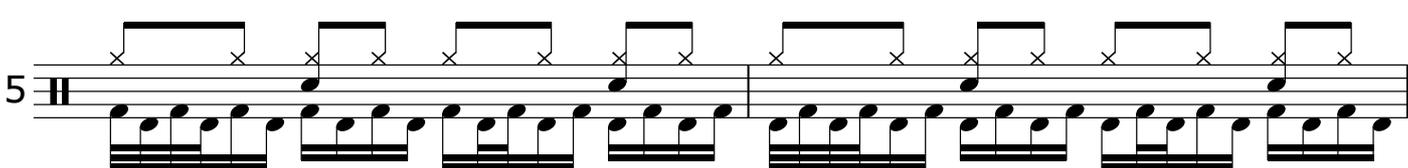
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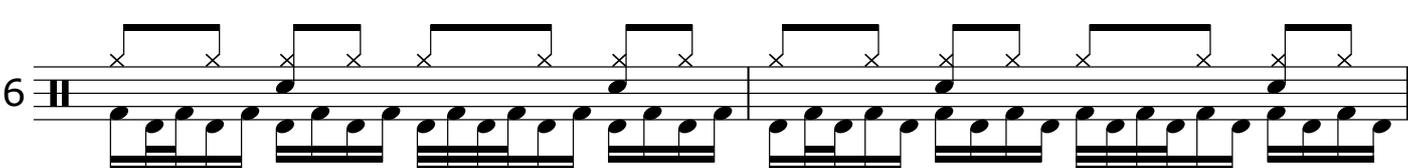
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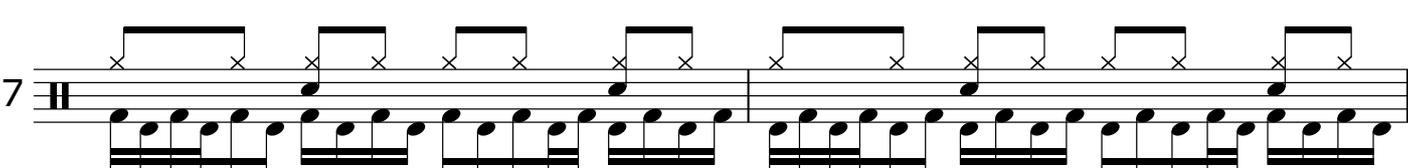
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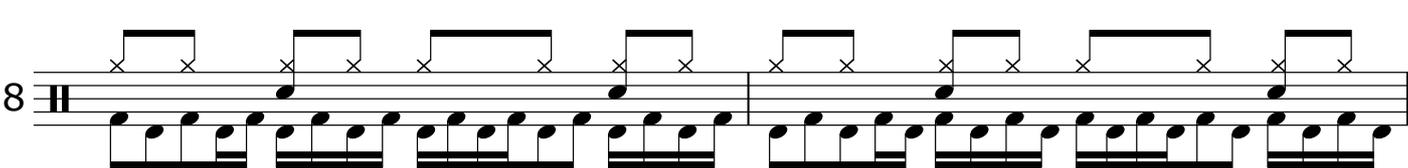
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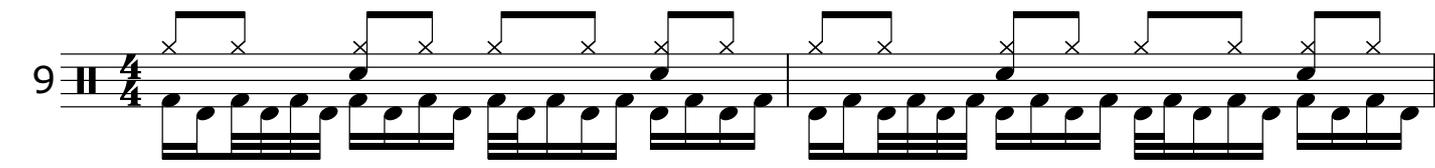
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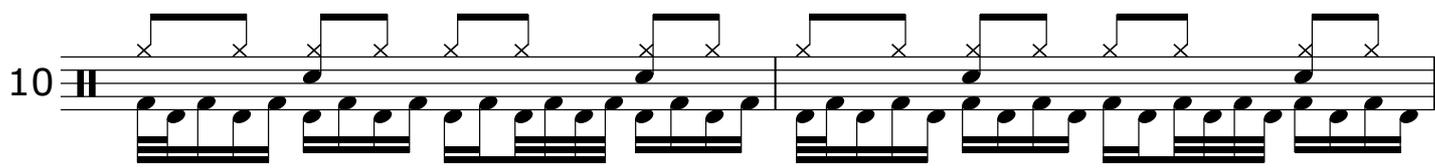
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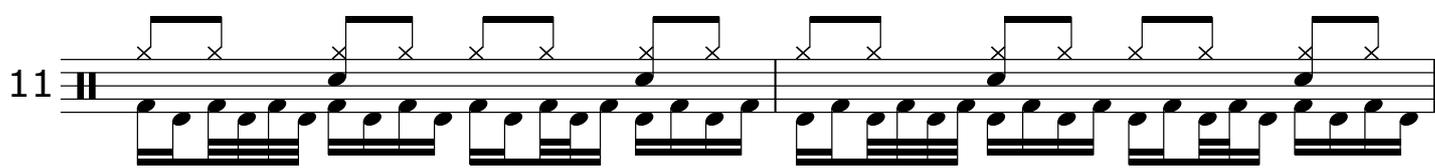
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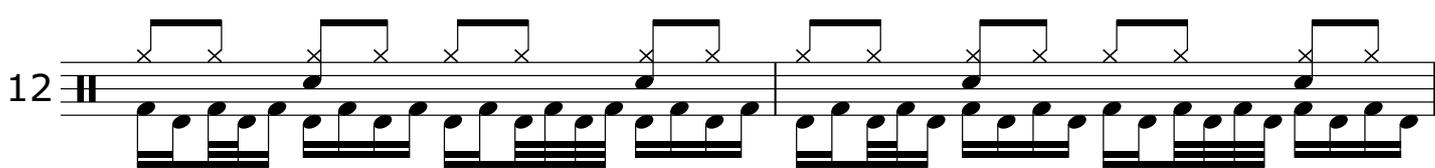
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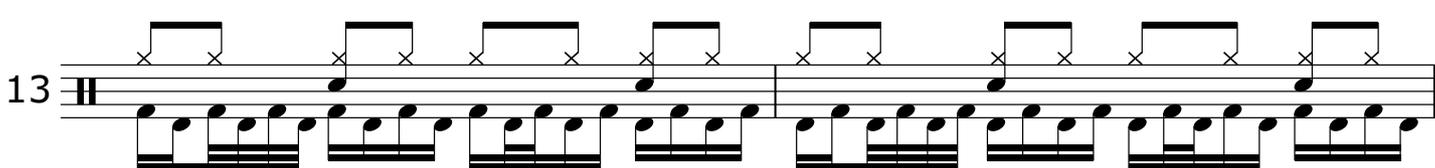
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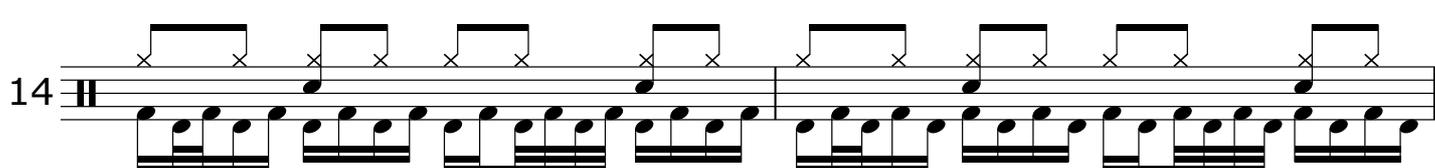
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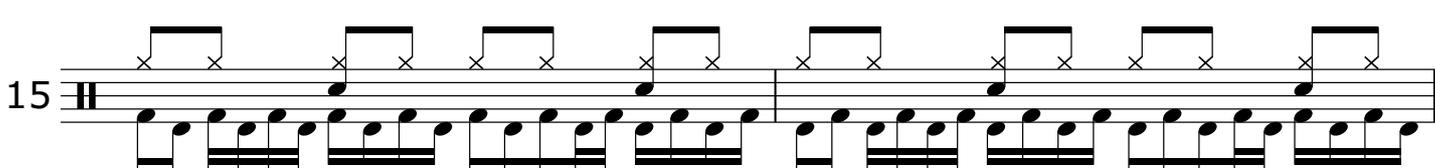
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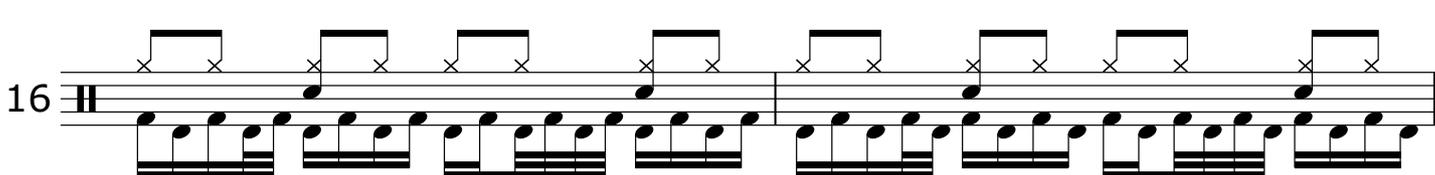
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16 

1 4/4

2

3

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8

The image displays a musical score for eight staves, numbered 1 through 8. The music is written in 4/4 time, as indicated by the time signature on the first staff. Each staff begins with a treble clef and a key signature of one flat (B-flat). The notation consists of two parts: a melodic line on the upper staff of each system and a rhythmic accompaniment on the lower staff. The melodic lines feature a sequence of eighth and quarter notes, often with beams connecting them, and are frequently marked with 'x' above the notes, possibly indicating a specific articulation or a point of interest. The rhythmic accompaniment is a steady eighth-note pattern. The score is organized into two measures per staff, with a double bar line separating them. The overall structure is consistent across all eight staves, suggesting a repetitive exercise or a multi-measure rest.