

Invisible Cities (i):

ZAIRA

for Ensemble Mosaik

Josiah Wolf Oberholtzer (1984)

A

$\text{♩} = 72$

Flute

Oboe

Clarinet in E-flat

Metals

Woods

Drums

Piano

Violin

Viola

Cello

8

B

2
4 ♩ = 48

3

5
16

This musical score is for the percussion ensemble and string sections of John Adams' 'The Great Wall'. The percussion section includes Flute (Fl.), Oboe (Ob.), Clarinet in E-flat (Cl. E-flat), Metals, Woods, and Drums. The string section includes Piano (Pf.), Violin (Vn.), Viola (Va.), and Violoncello (Vc.).

The score is divided into measures, with a double bar line indicating a section change. The percussion parts feature complex rhythmic patterns, including sixteenth and thirty-second notes, and rests. The string parts include dynamic markings such as *fff* (fortissimo), *ppp* (pianissimo), and *pp* (pianissimo), and articulation marks like accents and slurs. The string parts also include a section marked '(prepared)'.

The score is written for a large ensemble, with multiple staves for each instrument. The percussion section is divided into Metals, Woods, and Drums, while the string section is divided into Violin, Viola, and Violoncello. The score is written in a standard musical notation, with a key signature of one flat and a time signature of 4/4.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

(prepared)

p

pp

ppp

4:3

p

(prepared)

p

pp

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

(prepared)

7:6

pp

ppp

(prepared)

8

6:5

pp

The image displays a musical score for a symphony orchestra, featuring staves for various instruments and a complex tuning system. The instruments listed are Flute (Fl.), Oboe (Ob.), Clarinet in E-flat (Cl. E-flat), Metals, Woods, Drums, Piano (Pf.), Violin (Vn.), Viola (Va.), and Violoncello (Vc.). The score includes a 7:6 ratio and a 6:5 ratio, indicating a complex tuning or microtonal system. The notation includes various musical symbols such as clefs, notes, rests, and dynamic markings like *ppp* and *p*. The score is written in a single system, with the 7:6 ratio and 6:5 ratio indicating a complex tuning or microtonal system.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

7:6

9:8

pp

ppp

p

5:4

5:4

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

D

p

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

E

(64)

5
16

$\frac{4}{4}$ ♩ = 72

24

3

5
16

This musical score is for the percussion ensemble and piano parts of 'The Great Wall' by John Adams. The percussion ensemble consists of Metals, Woods, and Drums. The piano part is for a grand piano (Pf.).

Metals: Plays a series of eighth notes, starting with a *fff* dynamic.

Woods: Plays a series of eighth notes, starting with a *fff* dynamic.

Drums: Plays a series of eighth notes, starting with a *fff* dynamic.

Pf. (Piano): The piano part is divided into two staves. The right hand plays a series of chords, starting with a *fff* dynamic. The left hand plays a series of chords, starting with a *fff* dynamic. The piano part includes various dynamics such as *fff*, *ppp*, *p*, and *pp*, and includes markings for 'prepared' instruments.

The image displays a page from a musical score, likely for a symphony orchestra. The page is organized into a system of staves, each labeled with an instrument or section on the left. The staves are as follows:

- Fl.** (Flute) - Treble clef
- Ob.** (Oboe) - Treble clef
- Cl. E-flat** (Clarinet in E-flat) - Treble clef
- Metals** (Metals) - Treble clef
- Woods** (Woods) - Treble clef
- Drums** (Drums) - Treble clef
- Pf.** (Piano) - Grand staff (Treble and Bass clefs)
- Vn.** (Violin) - Treble clef
- Va.** (Viola) - Treble clef
- Vc.** (Violoncello) - Bass clef

The Piano part is the only one with musical notation. It includes notes, rests, and dynamic markings such as *p*, *pp*, and *ppp*. The score is divided into measures by vertical bar lines. The Piano part is the only one with musical notation, including notes, rests, and dynamic markings like *p*, *pp*, and *ppp*. The score is divided into measures by vertical bar lines.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

Measure 78: Flute, Oboe, Clarinet in E-flat, Metals, Woods, and Drums are empty. The piano part has a complex notation with accidentals, dynamics (*p*), and ratios ($5:4$, $8:7$). The violin part has a tremolo in measure 78. The viola and cello parts are empty.

Measure 79: Flute, Oboe, Clarinet in E-flat, Metals, Woods, and Drums are empty. The piano part has a complex notation with accidentals, dynamics (*pp*), and ratios ($5:4$). The violin part has a sustained note in measure 79. The viola and cello parts are empty.

Measure 80: Flute, Oboe, Clarinet in E-flat, Metals, Woods, and Drums are empty. The piano part has a complex notation with accidentals, dynamics (*pp*), and ratios ($5:4$). The violin part has a sustained note in measure 80. The viola and cello parts are empty.

Measure 81: Flute, Oboe, Clarinet in E-flat, Metals, Woods, and Drums are empty. The piano part has a complex notation with accidentals, dynamics (*pp*), and ratios ($5:4$). The violin part has a sustained note in measure 81. The viola and cello parts are empty.

Measure 82: Flute, Oboe, Clarinet in E-flat, Metals, Woods, and Drums are empty. The piano part has a complex notation with accidentals, dynamics (*pp*), and ratios ($5:4$). The violin part has a sustained note in measure 82. The viola and cello parts are empty.

Measure 83: Flute, Oboe, Clarinet in E-flat, Metals, Woods, and Drums are empty. The piano part has a complex notation with accidentals, dynamics (*ppp*), and ratios ($5:4$). The violin part has a sustained note in measure 83. The viola and cello parts are empty.

[illegible]

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

The musical score for page 88 consists of nine staves. The first six staves (Flute, Oboe, Clarinet in E-flat, Metals, Woods, and Drums) are empty, each with a single bar line at the end of the first measure. The seventh staff (Piano) is divided into two systems. The first system covers measures 1-4 and includes complex notation with chords, accidentals, and dynamic markings (*pp*, *ppp*, *p*). It features several '(prepared)' markings and specific intervallic relationships (4:3, 3:2, 7:6, 4:3, 6:5). The second system covers measures 5-8 and continues the piano part with similar notation, including a forte (*f*) dynamic in measure 7. The remaining three staves (Violin, Viola, and Violoncello) are empty, each with a single bar line at the end of the first measure.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

Measures 6-10 of the musical score. The piano part (Pf.) is the most active, featuring complex rhythmic patterns and interval markings (4:3, 7:6, 5:4, 3:2). The other instruments (Fl., Ob., Cl. E-flat, Metals, Woods, Drums, Vn., Va., Vc.) are mostly silent, indicated by rests.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

(prepared)

pp

f

p

ppp

6:5

p

p

(prepared)

p

f

4:3

p

f

3:2

p

f

(prepared)

ppp

f

p

f

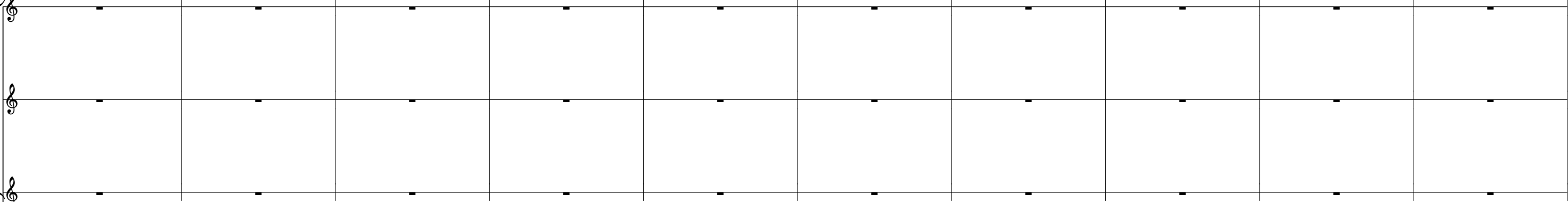
F

102

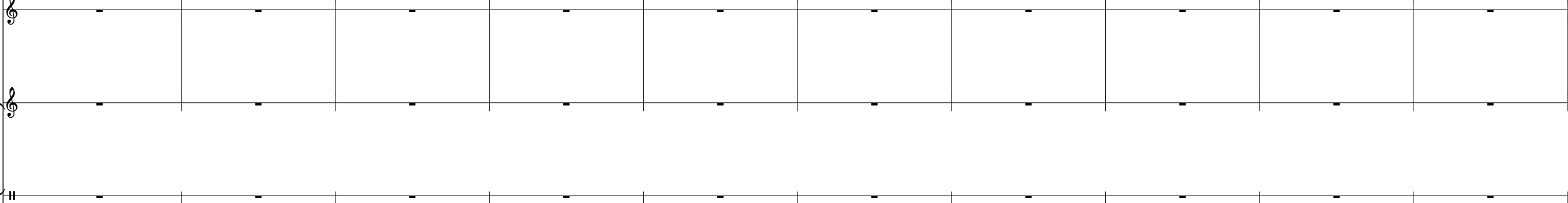
$\frac{5}{16}$ ♩ = 48

Fl.	
Ob.	
Cl. E-flat	
Metals	
Woods	
Drums	
Pf.	
Vn.	
Va.	
Vc.	

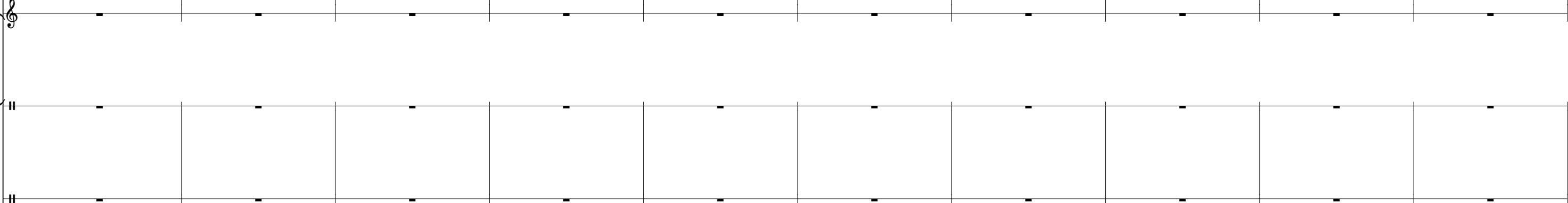
Fl.



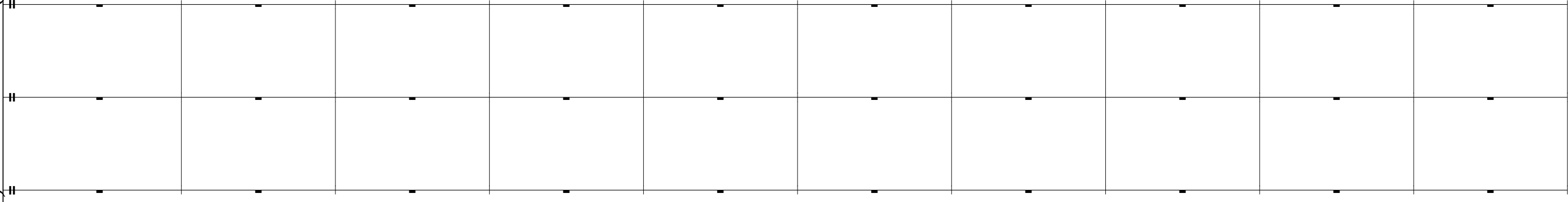
Ob.



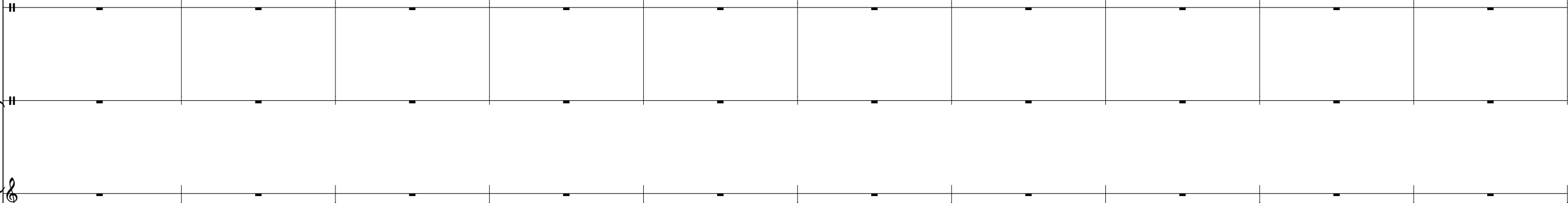
Cl. E-flat



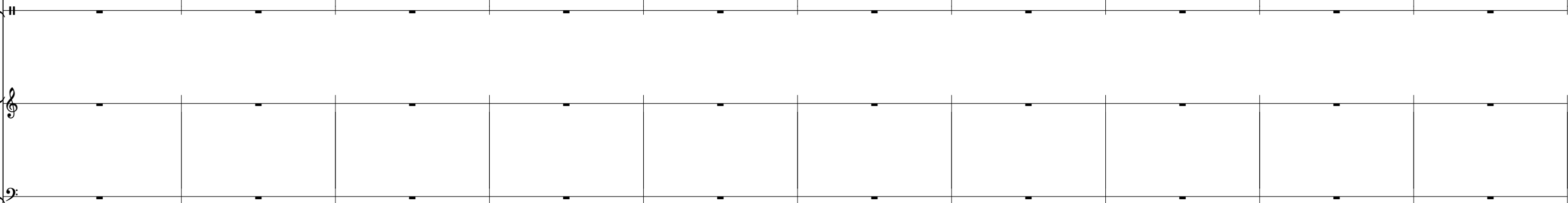
Metals



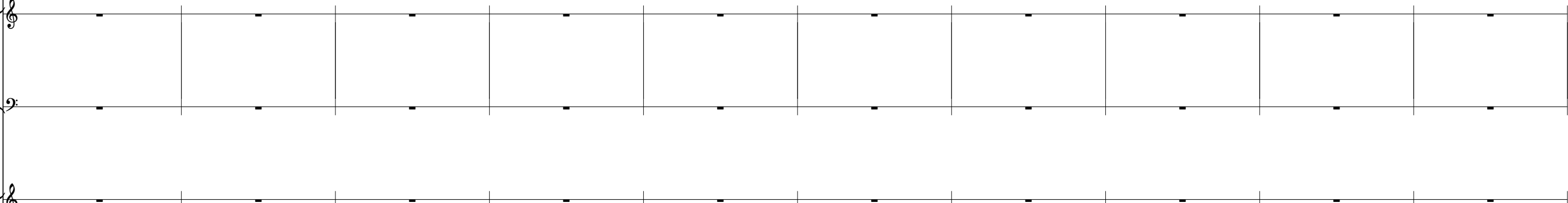
Woods



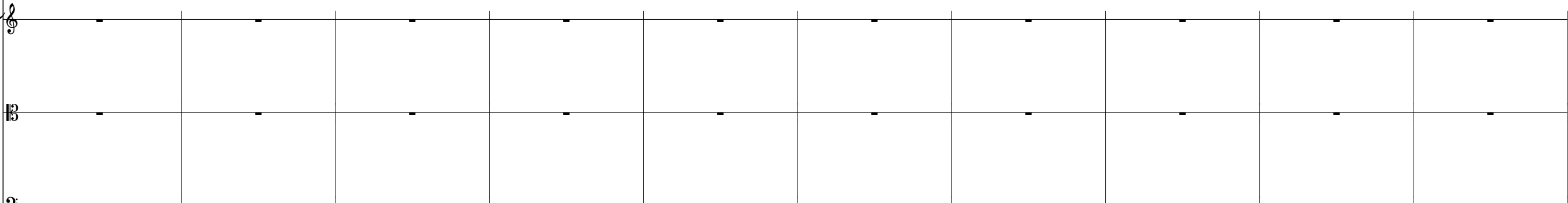
Drums



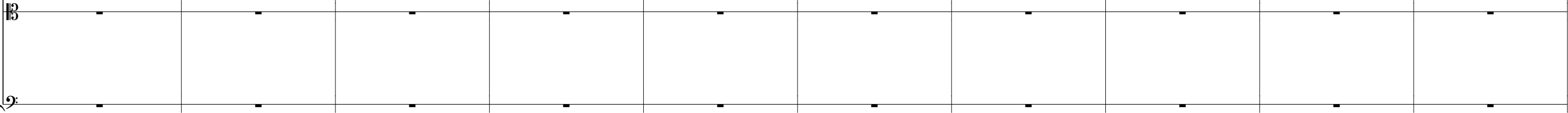
Pf.



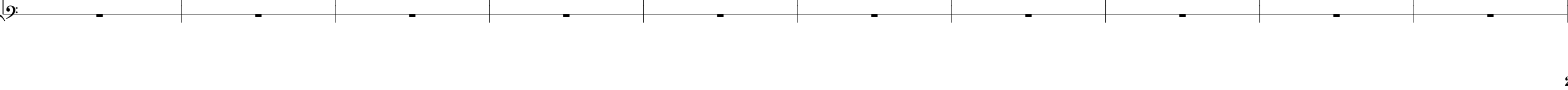
Vn.



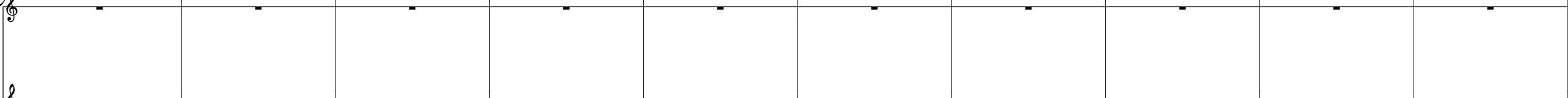
Va.



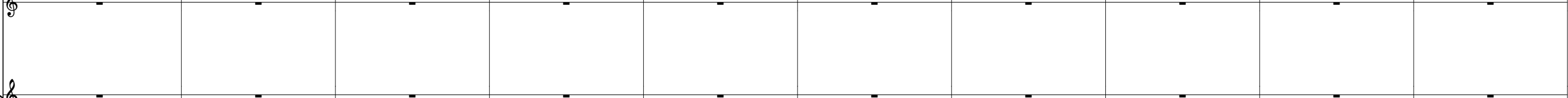
Vc.



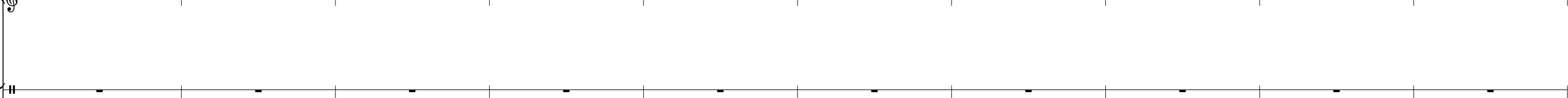
Fl.




Ob.



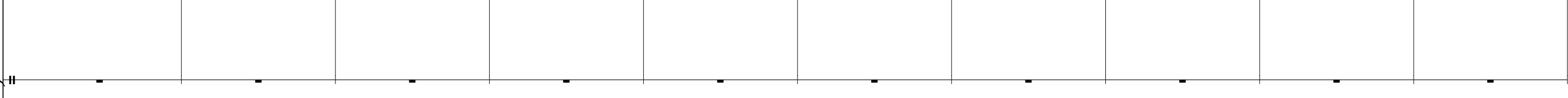
Cl. E-flat



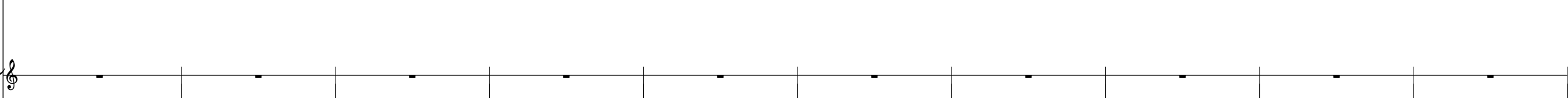
Metals




Woods



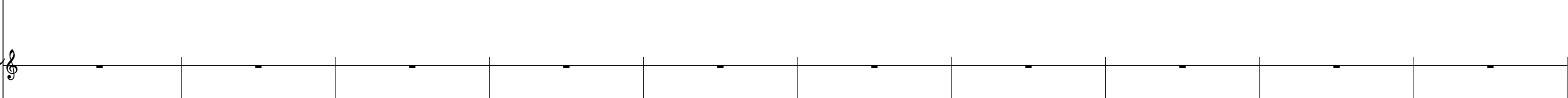
Drums



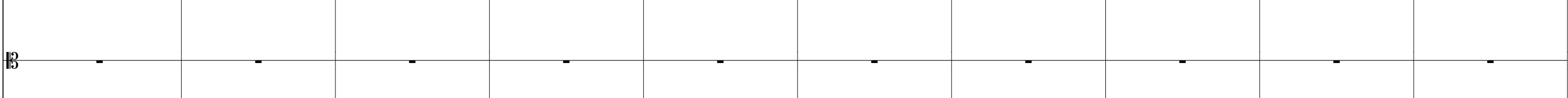
Pf.



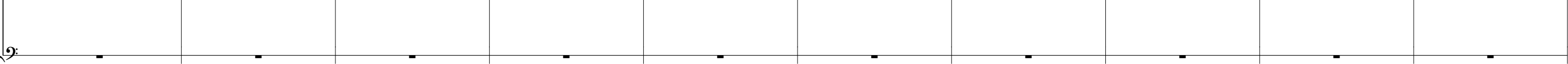
Vn.



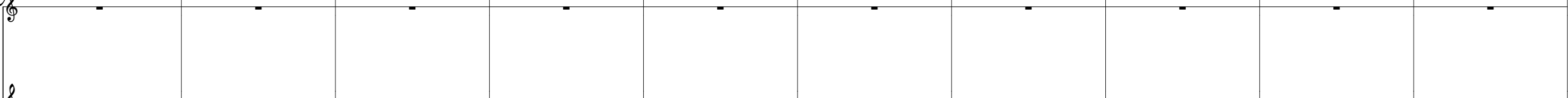
Va.



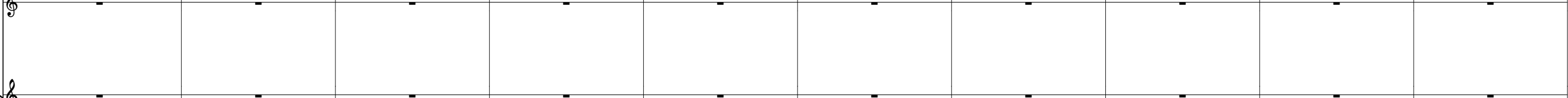
Vc.



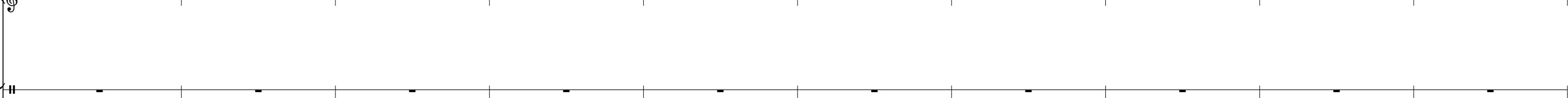
Fl.




Ob.



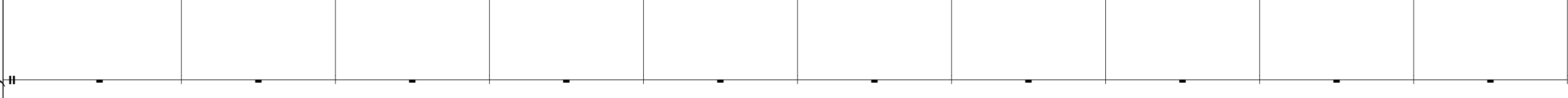
Cl. E-flat



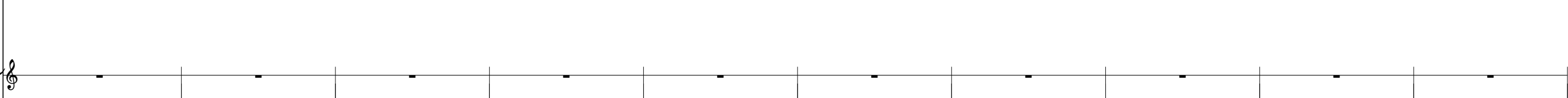
Metals




Woods



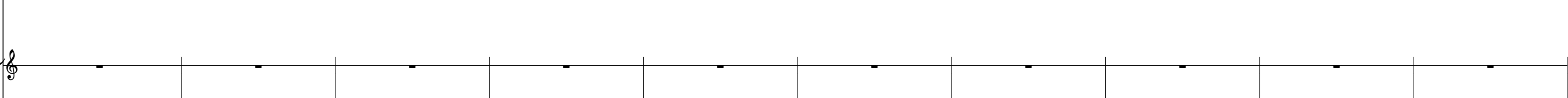
Drums



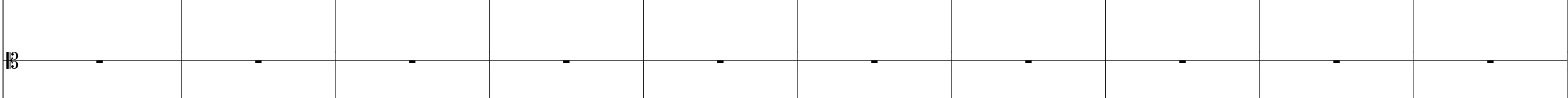
Pf.



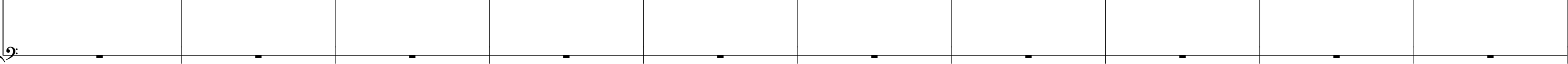
Vn.



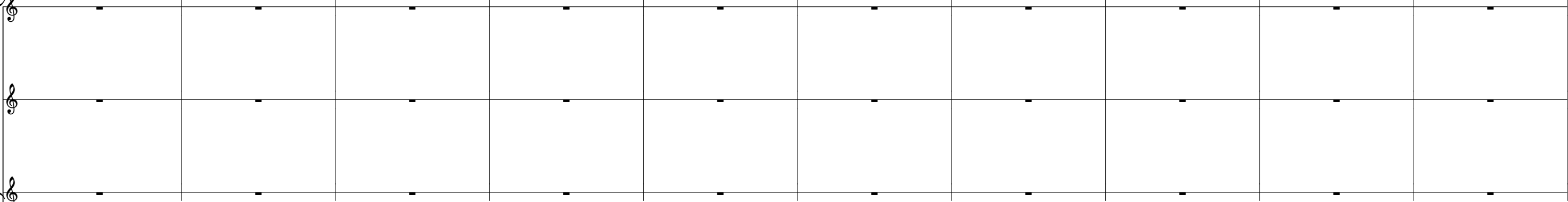
Va.



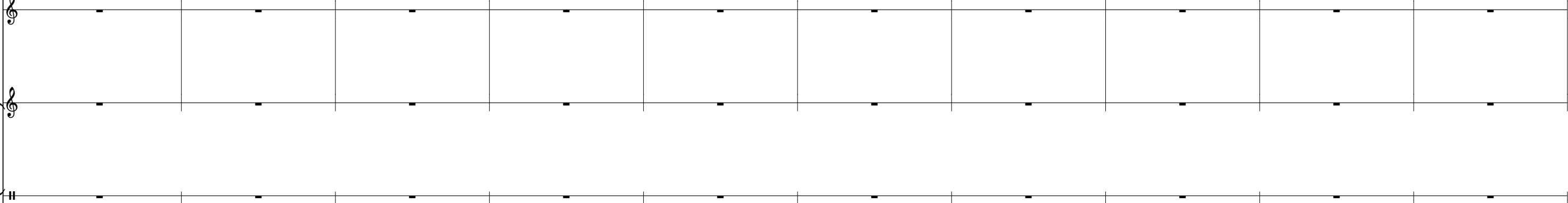
Vc.



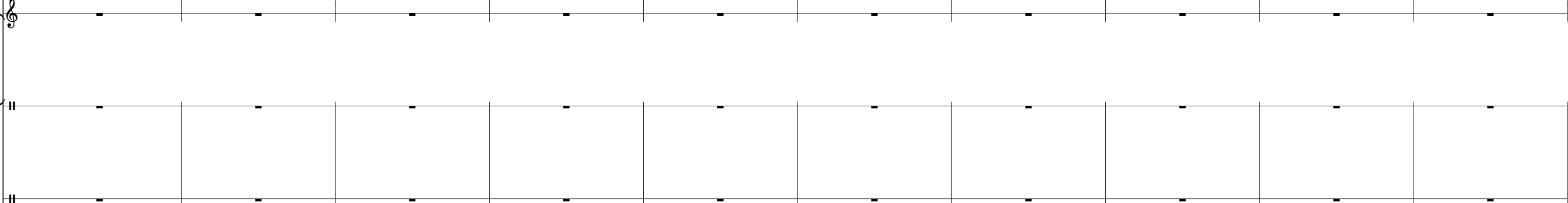
Fl.



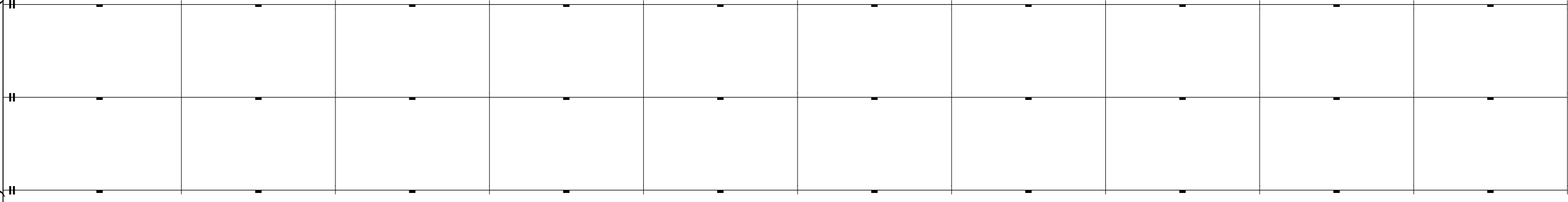
Ob.



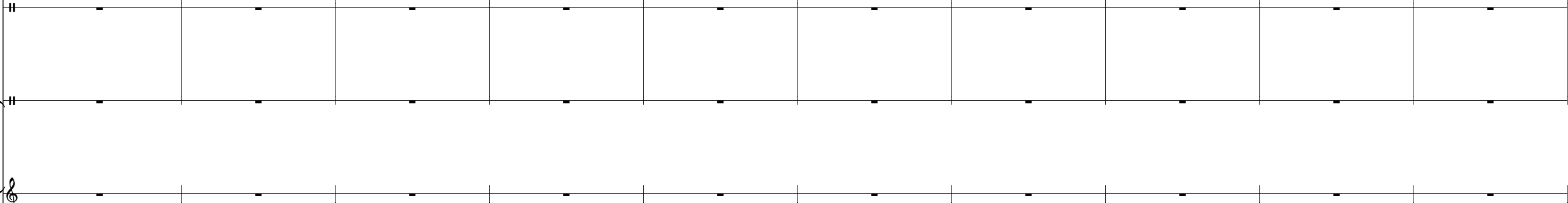
Cl. E-flat



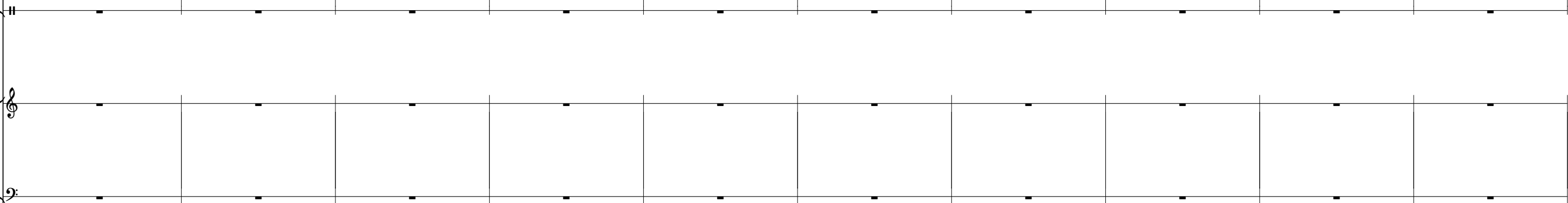
Metals



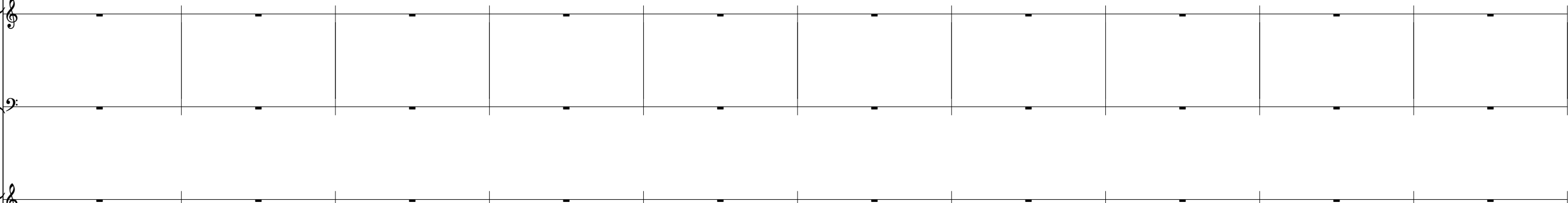
Woods



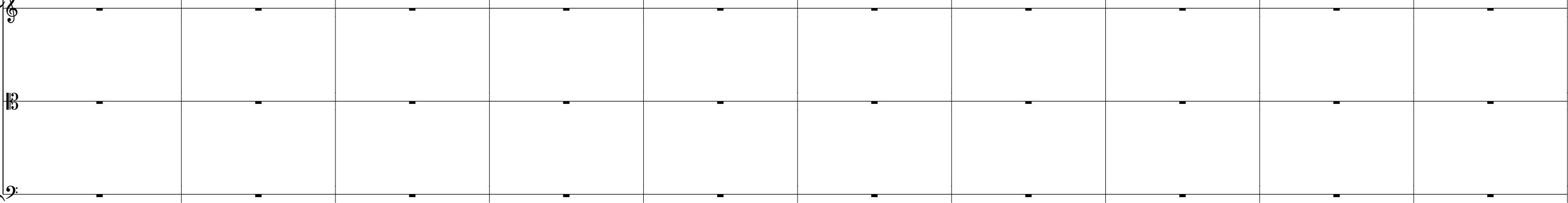
Drums



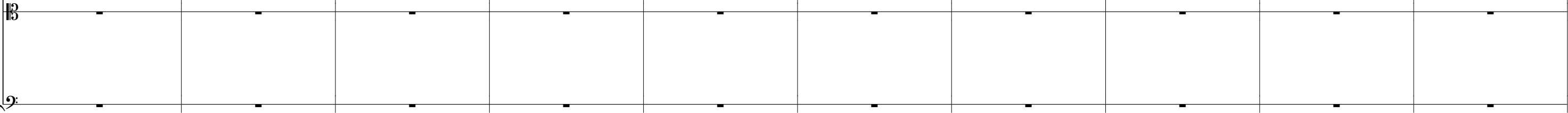
Pf.



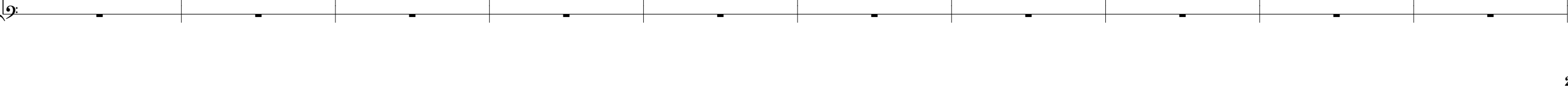
Vn.



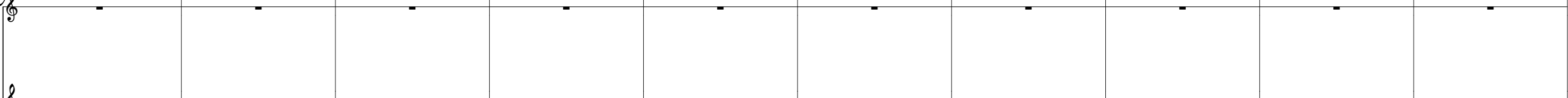
Va.



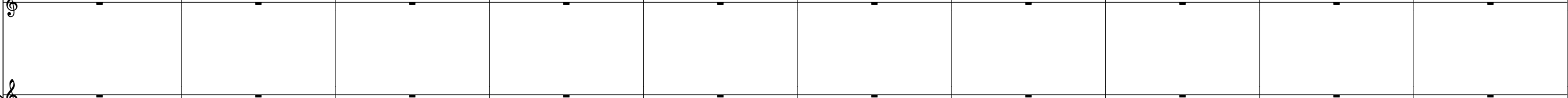
Vc.



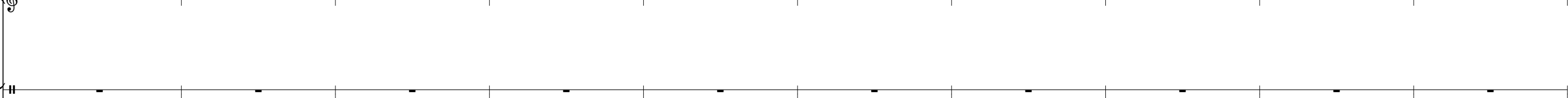
Fl.




Ob.



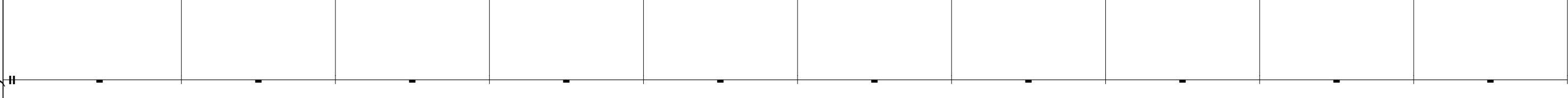
Cl. E-flat



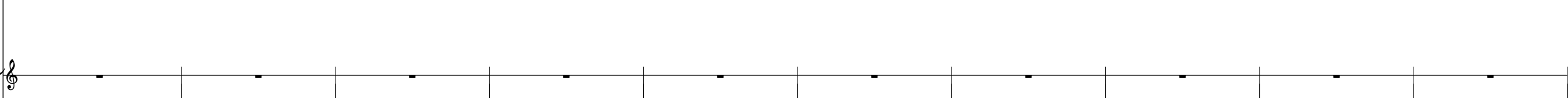
Metals




Woods



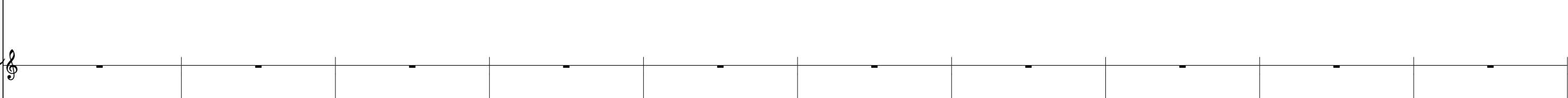
Drums



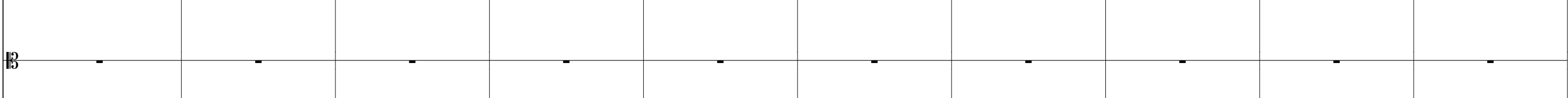
Pf.



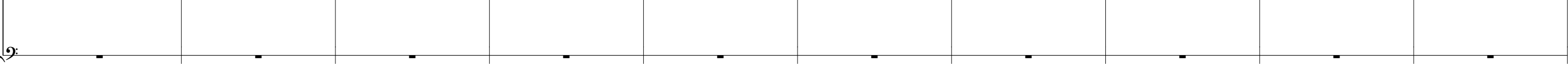
Vn.



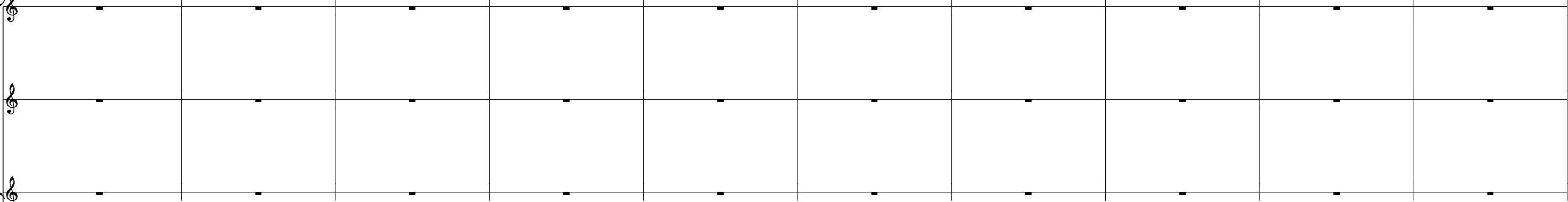
Va.



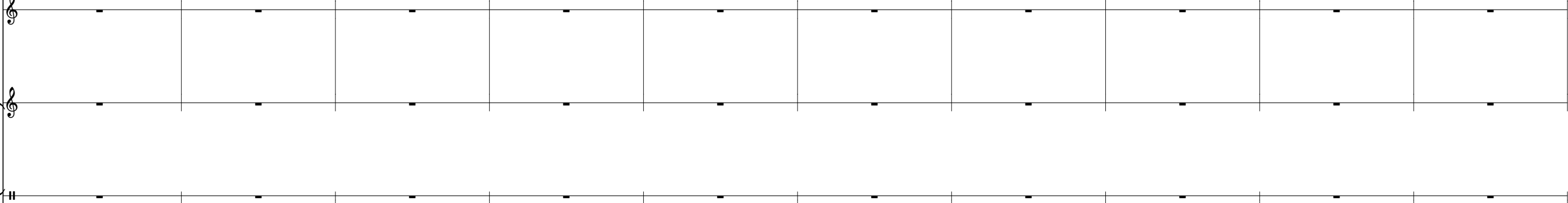
Vc.



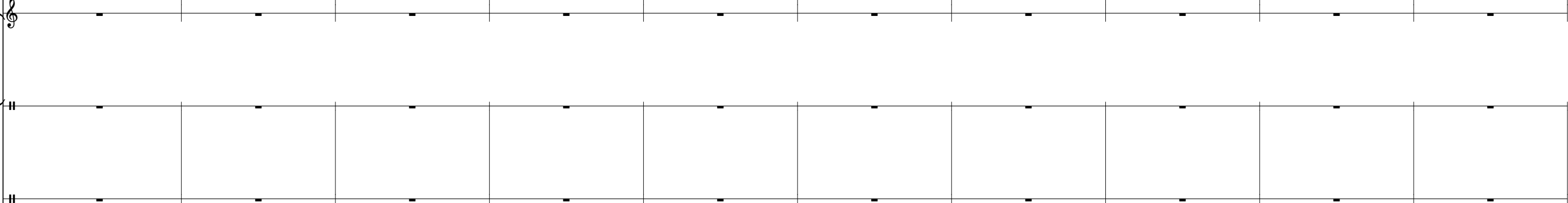
Fl.



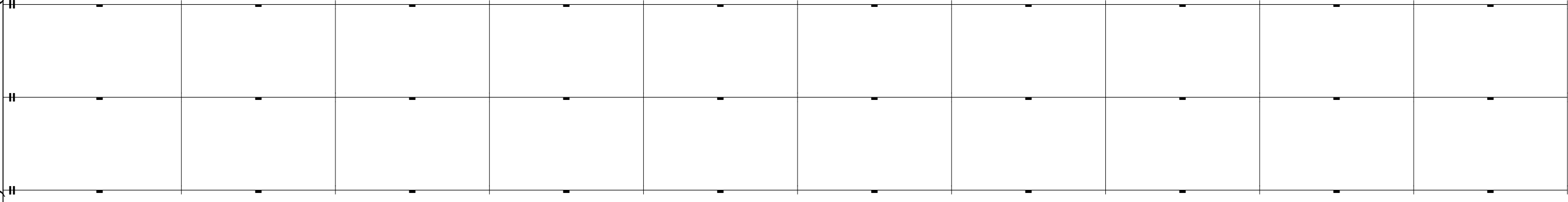
Ob.



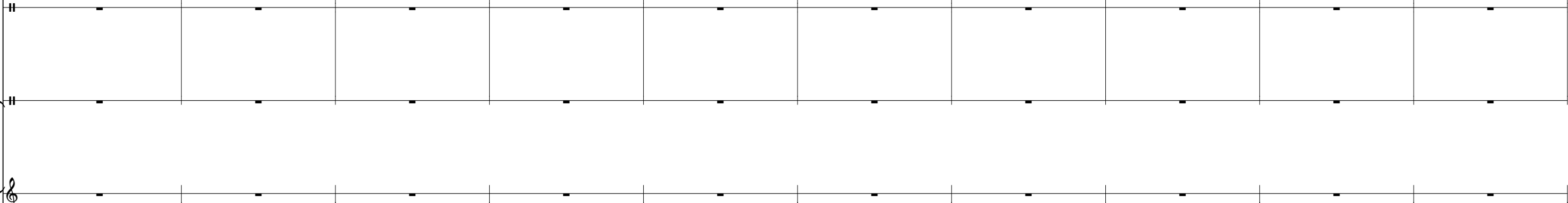
Cl. E-flat



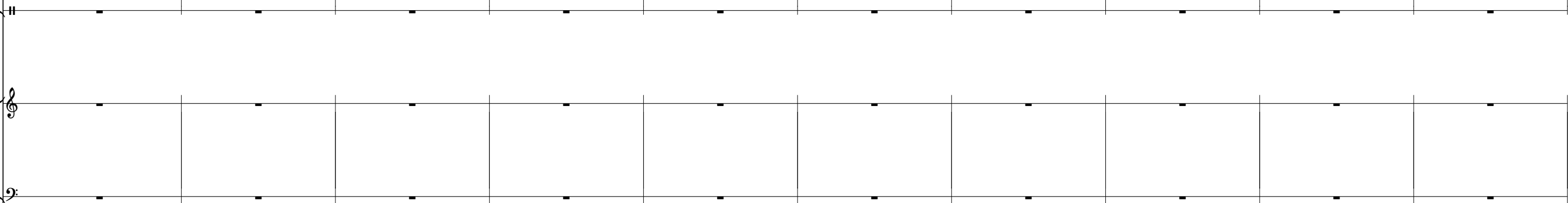
Metals



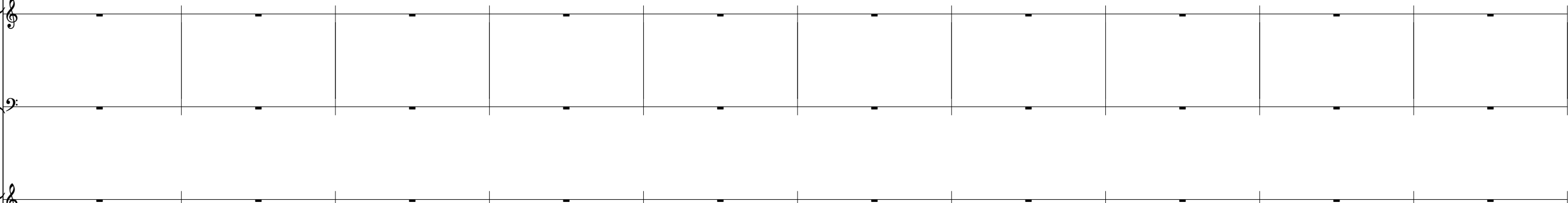
Woods



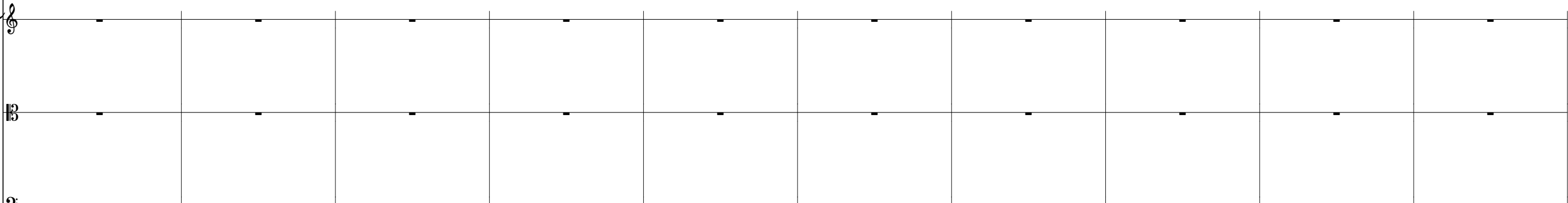
Drums



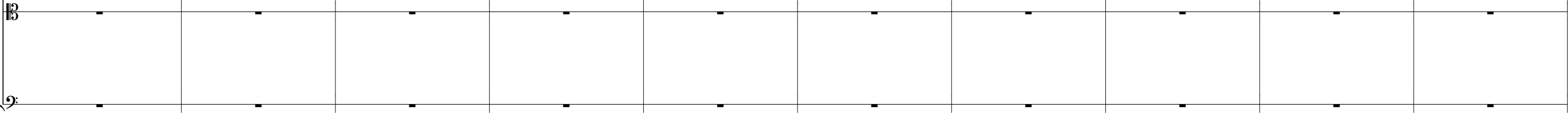
Pf.



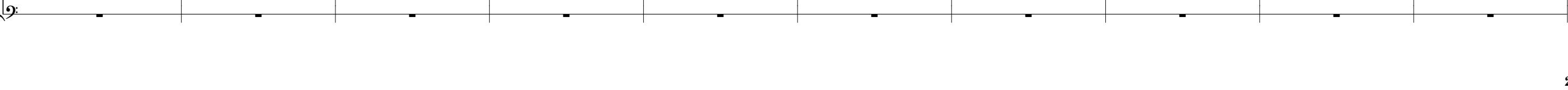
Vn.



Va.



Vc.



Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

fff

fff

fff

fff

ppp

ppp

ppp

3:2

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

The image displays a musical score for a symphony orchestra, organized into a system of staves. The staves are labeled on the left as follows:

- Fl. (Flute)
- Ob. (Oboe)
- Cl. E-flat (Clarinet in E-flat)
- Metals (Metals)
- Woods (Woods)
- Drums (Drums)
- Pf. (Piano)
- Vn. (Violin)
- Va. (Viola)
- Vc. (Violoncello)

The score is written in a single system, with measures separated by vertical bar lines. The Piano (Pf.) part is the most detailed, showing complex rhythmic patterns and dynamic markings. The other instruments have rests or simple notation in the first three measures. The Piano part includes dynamic markings such as *p* (piano) and *pp* (pianissimo). The score is written in a single system, with measures separated by vertical bar lines. The Piano (Pf.) part is the most detailed, showing complex rhythmic patterns and dynamic markings. The other instruments have rests or simple notation in the first three measures. The Piano part includes dynamic markings such as *p* (piano) and *pp* (pianissimo).

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

fff

p

fff

f 3:2

ppp

f

5:4

p

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

p *f* *ppp* *p* *p* *f* *pp*

(prepared)

3:2 6:5

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

(prepared)

p

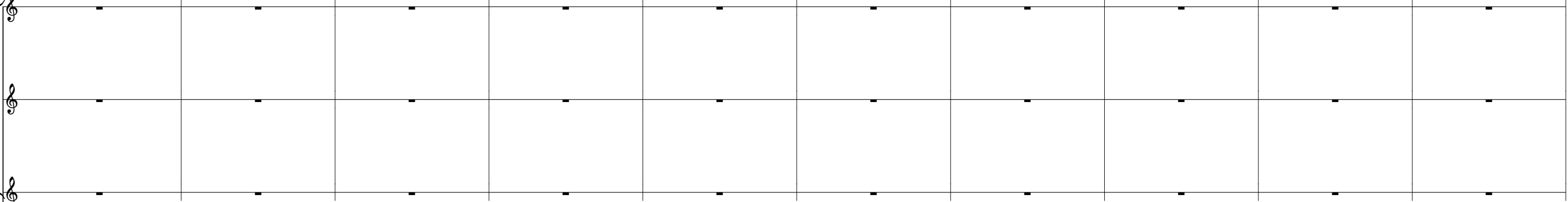
pp

fff

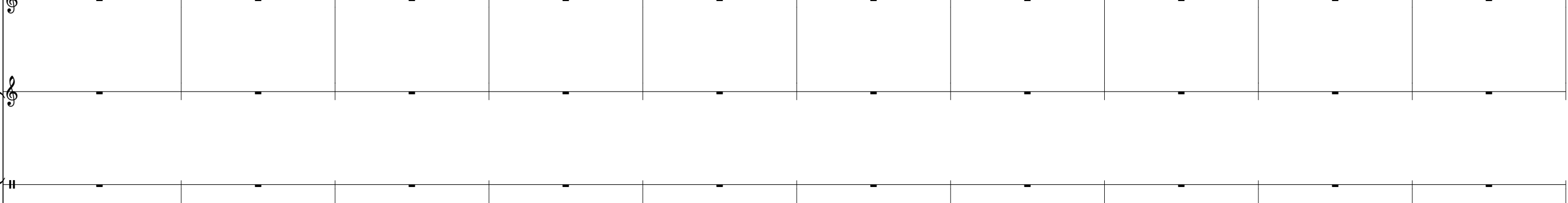
fff

fff

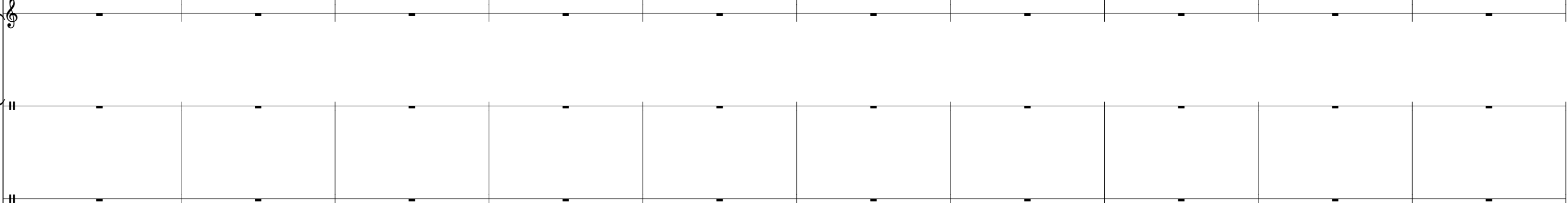
Fl.



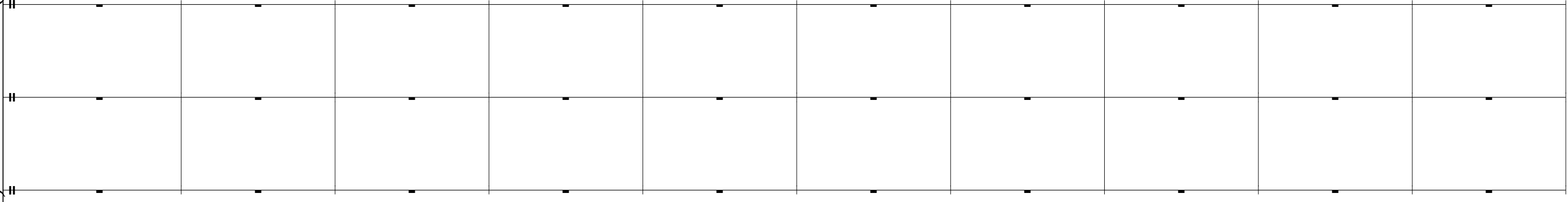
Ob.



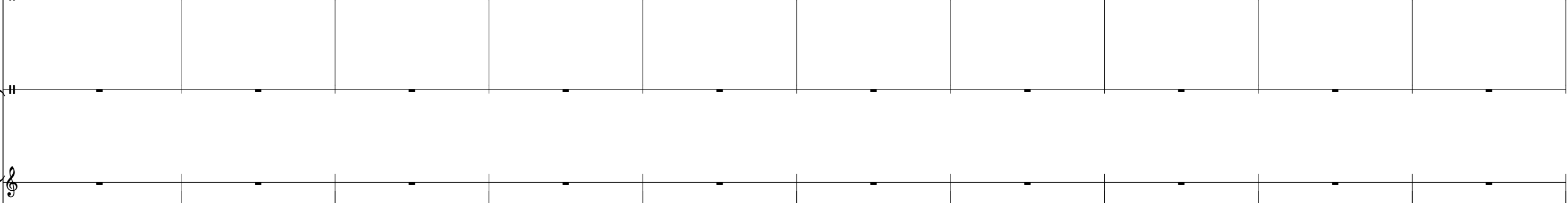
Cl. E-flat



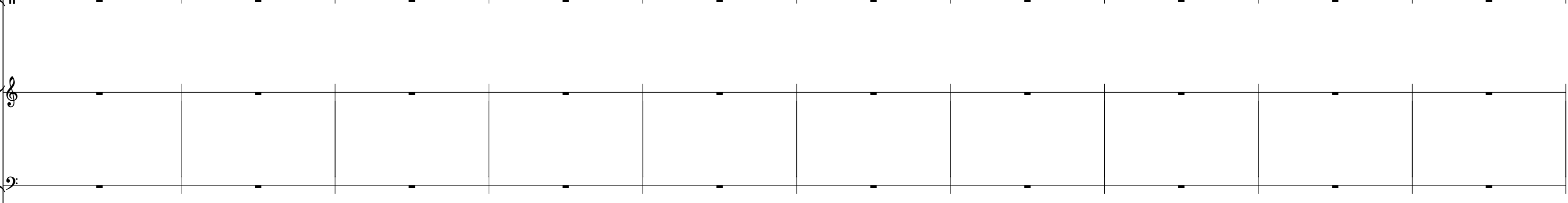
Metals



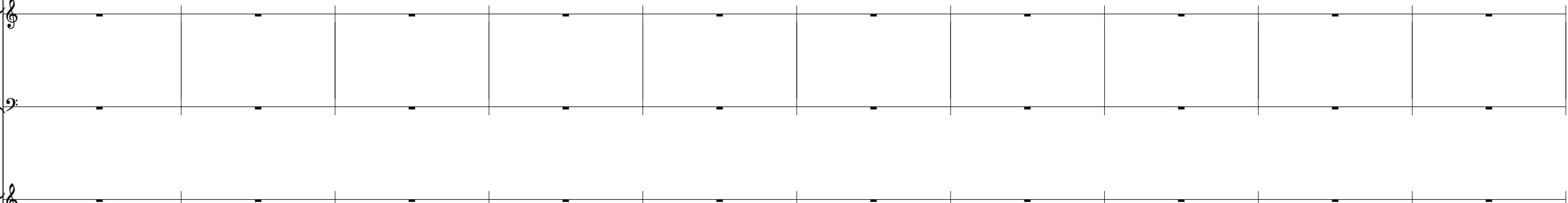
Woods



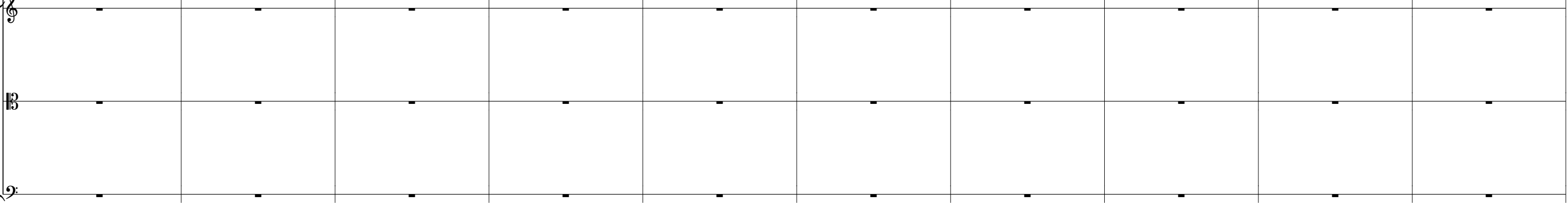
Drums



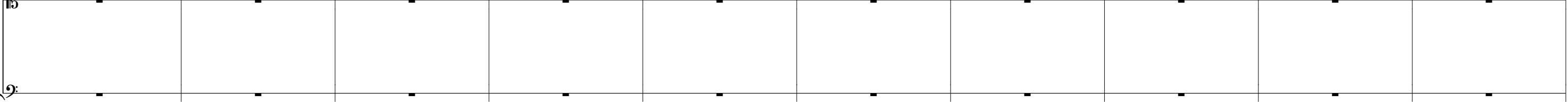
Pf.



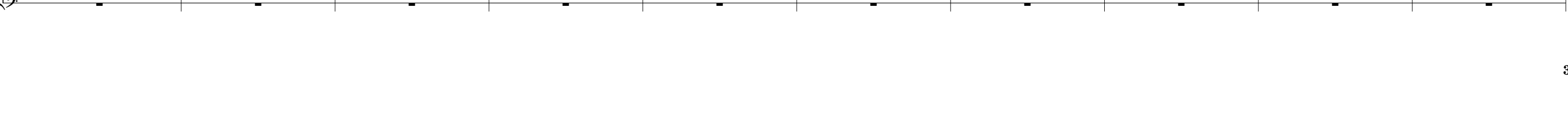
Vn.



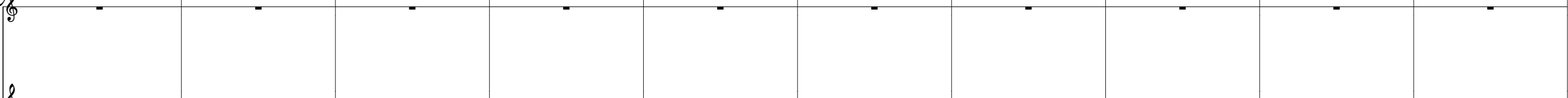
Va.



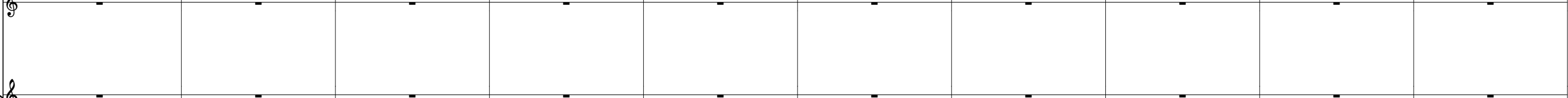
Vc.



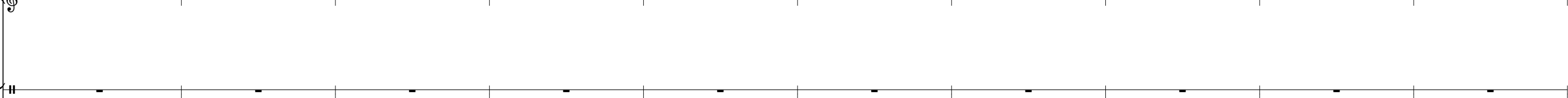
Fl.




Ob.



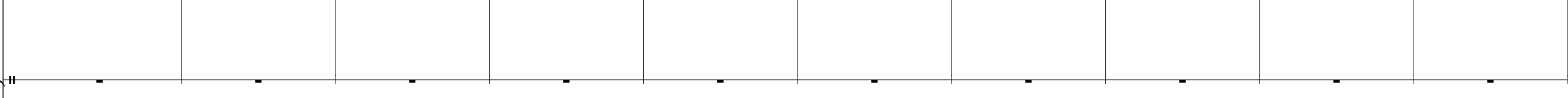
Cl. E-flat



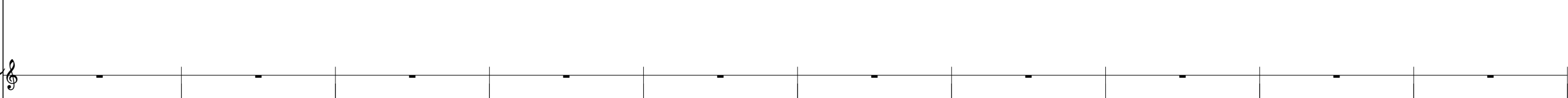
Metals




Woods



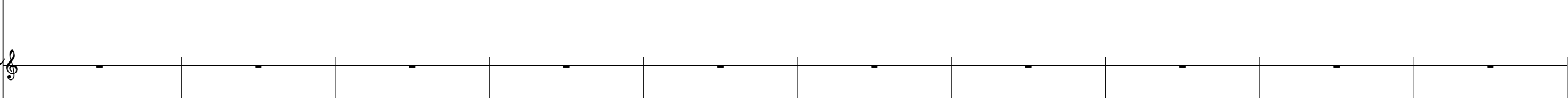
Drums



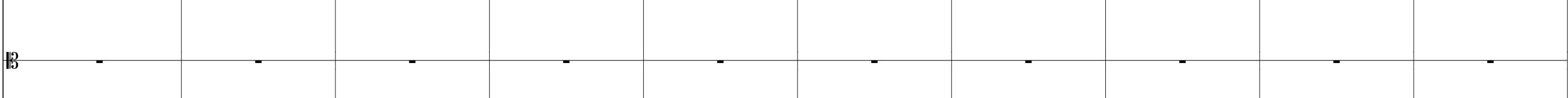
Pf.



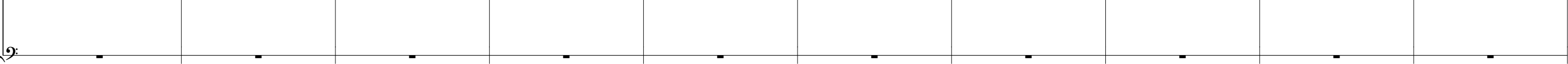
Vn.



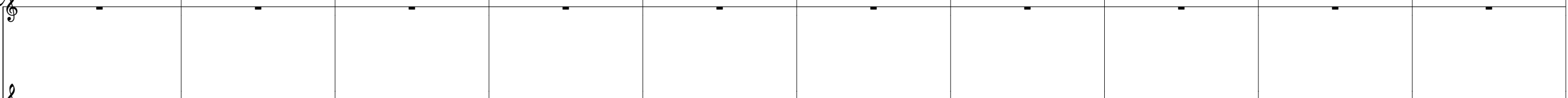
Va.



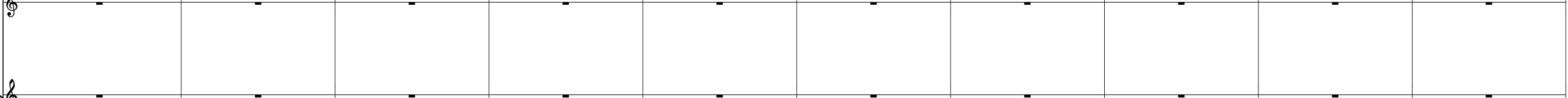
Vc.



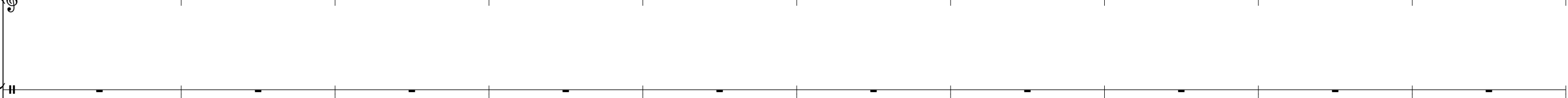
Fl.




Ob.



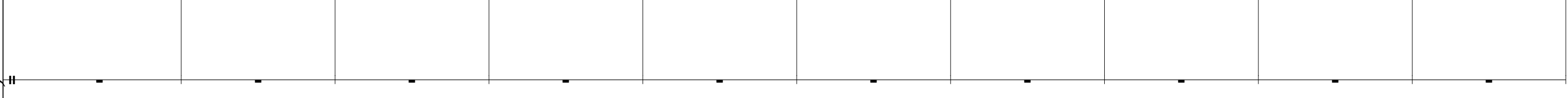
Cl. E-flat



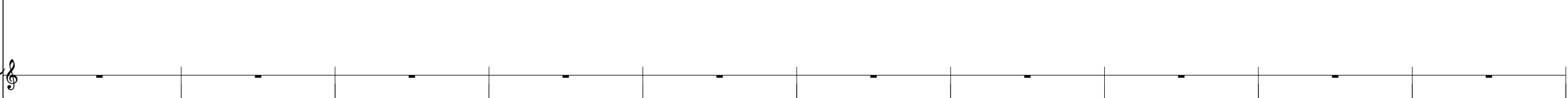
Metals




Woods



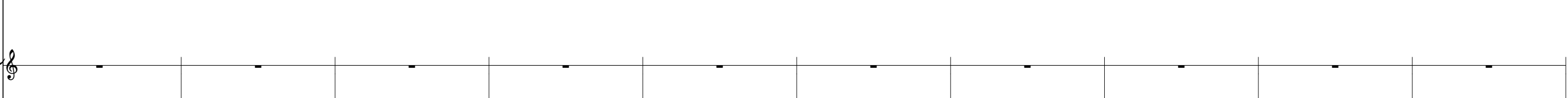
Drums



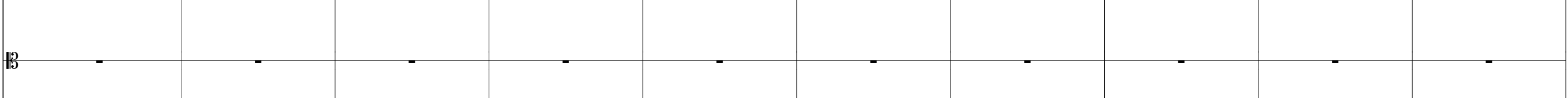
Pf.




Vn.



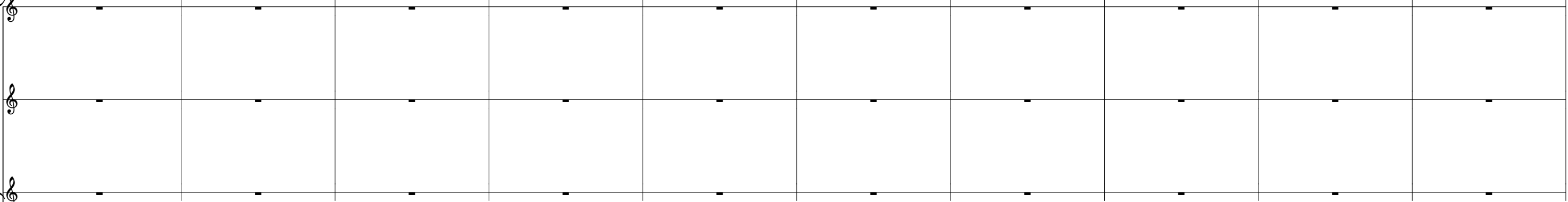
Va.



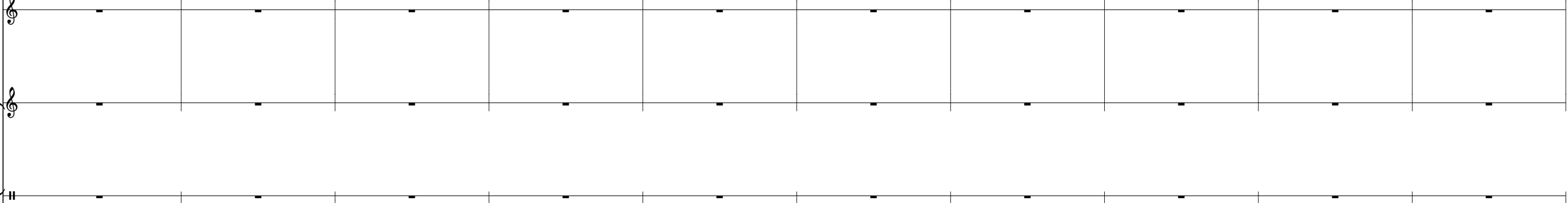
Vc.



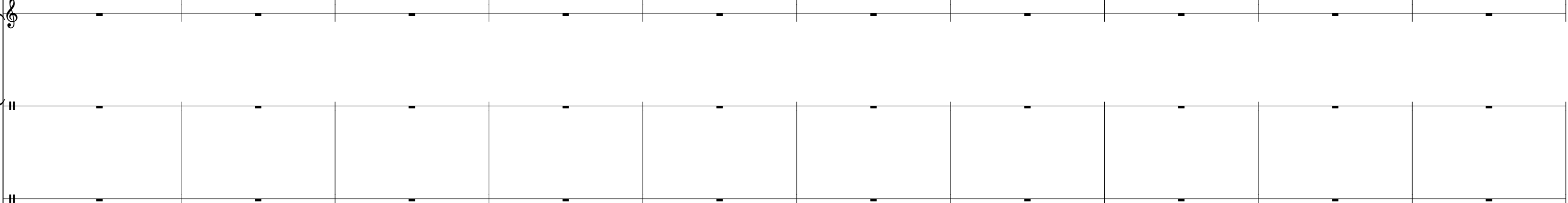
Fl.



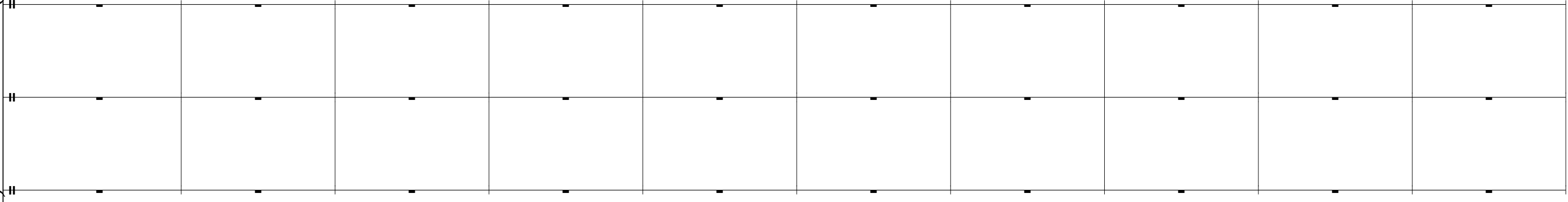
Ob.



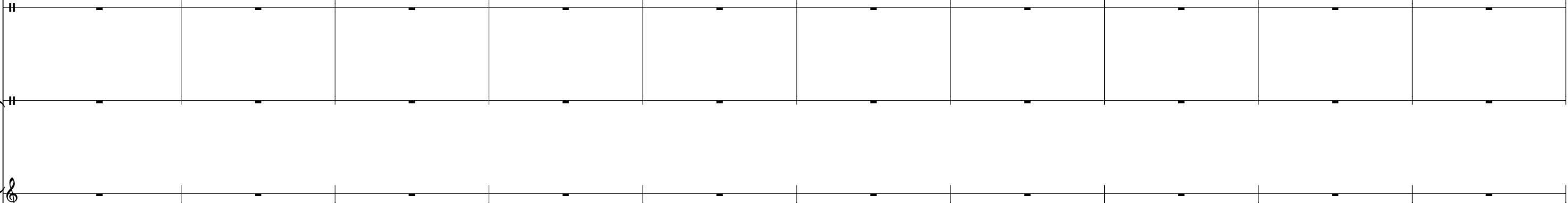
Cl. E-flat



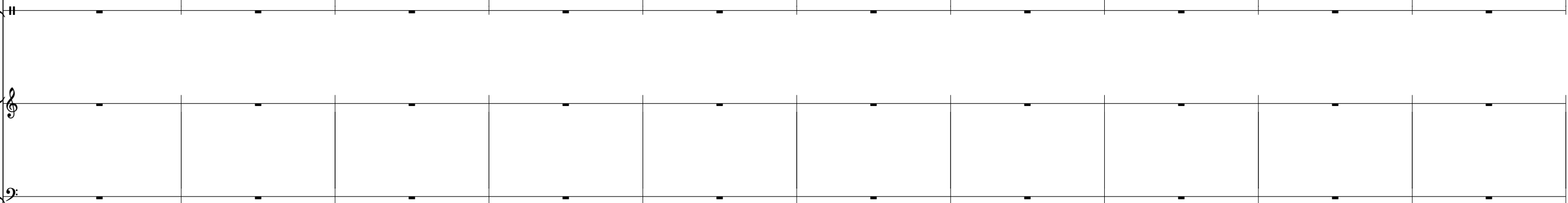
Metals



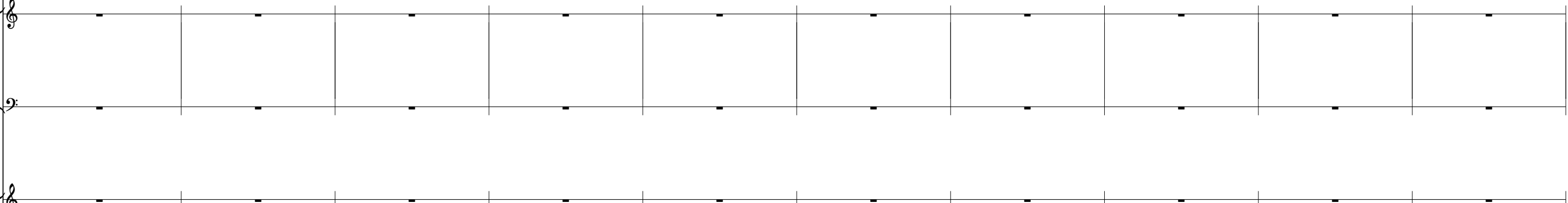
Woods



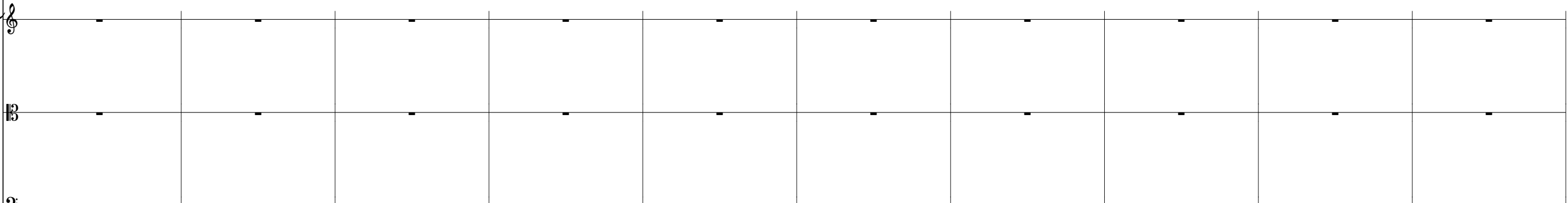
Drums



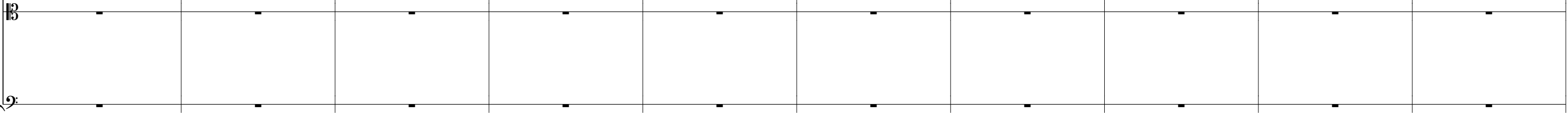
Pf.



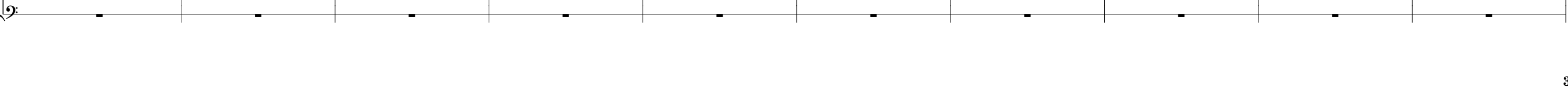
Vn.



Va.



Vc.



Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

K

3 ♩ = 48

5
16

44

5
16

$\frac{5}{16}$ ♩ = 108

40

Fl.

Ob.

Cl. E-flat

Metals

Woods

Drums

Pf.

Vn.

Va.

Vc.

The musical score for page 267, rehearsal mark 41, consists of nine staves. The top three staves are for woodwinds: Flute (Fl.), Oboe (Ob.), and Clarinet in E-flat (Cl. E-flat). The next three staves are for percussion: Metals, Woods, and Drums. The sixth staff is for Piano (Pf.), marked with a piano dynamic. The bottom three staves are for strings: Violin (Vn.), Viola (Va.), and Violoncello (Vc.). The Metals staff contains a rhythmic pattern of eighth notes. The Piano staff is marked with a 'Pf.' dynamic. The score is divided into measures by vertical bar lines.

The image displays a musical score for a symphony orchestra, organized into a grid of staves and measures. The staves are labeled on the left as follows:

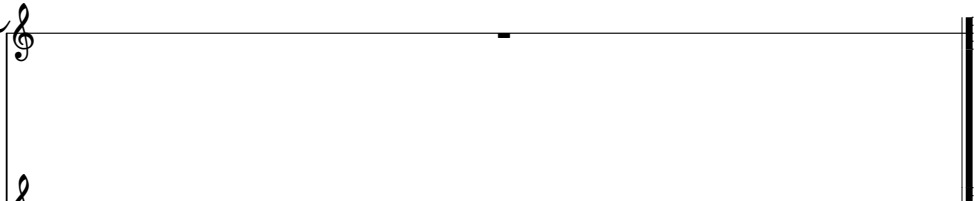
- Fl. (Flute)
- Ob. (Oboe)
- Cl. E-flat (Clarinet in E-flat)
- Metals (Metals)
- Woods (Woods)
- Drums (Drums)
- Pf. (Piano)
- Vn. (Violin)
- Va. (Viola)
- Vc. (Violoncello)

The score is written in 4/4 time, indicated by the time signature at the beginning of the first staff. The key signature is one flat (B-flat), indicated by the key signature symbol at the beginning of the first staff. The score consists of 10 measures, each containing a single note. The notes are as follows:

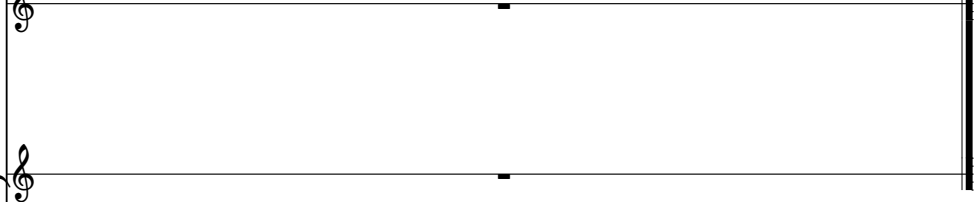
- Measure 1: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)
- Measure 2: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)
- Measure 3: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)
- Measure 4: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)
- Measure 5: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)
- Measure 6: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)
- Measure 7: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)
- Measure 8: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)
- Measure 9: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)
- Measure 10: Fl. (F4), Ob. (F4), Cl. E-flat (F4), Metals (F4), Woods (F4), Drums (F4), Pf. (F4), Vn. (F4), Va. (F4), Vc. (F4)

The Metals section (Measures 1-10) features a repeating rhythmic pattern of eighth notes, while the other sections (Fl. through Vc.) feature a single note per measure.

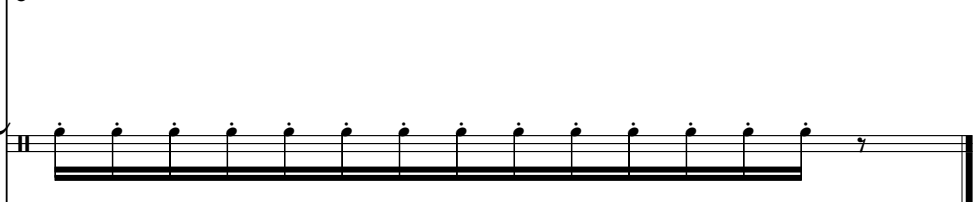
Fl.



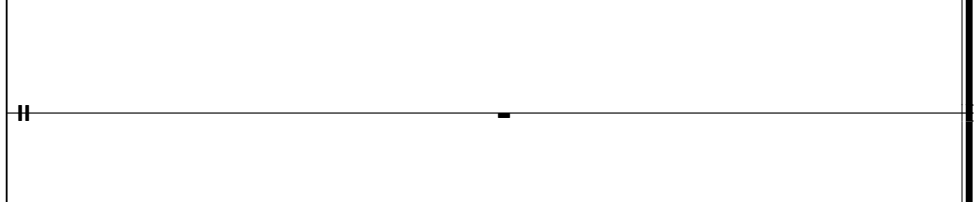
Ob.



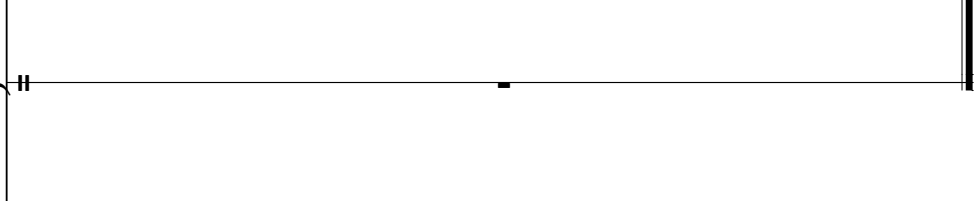
Cl. E-flat



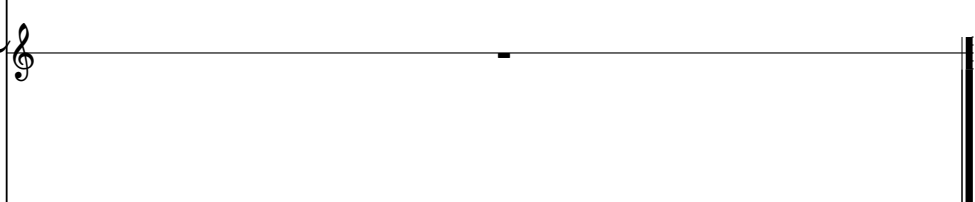
Metals



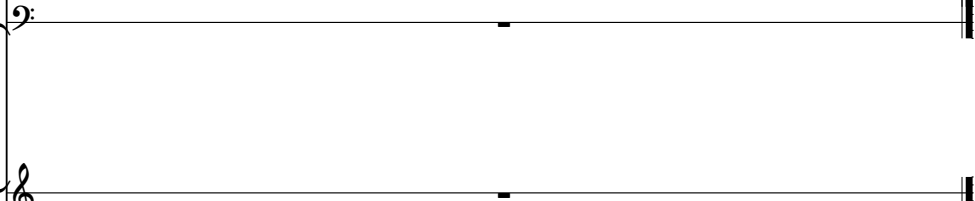
Woods



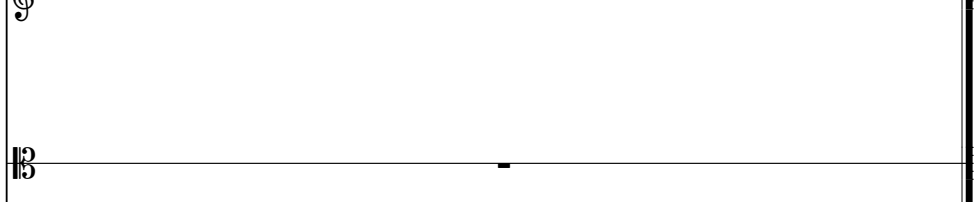
Drums




Pf.



Vn.



Va.



Vc.

