



Those Orange Things In The Back: Timpani For Percussionists

exercises and patterns
By
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Collecting and expanding upon the exercises from
Those Orange Things In The Back
bryanlackey.com/timpani

as part of
Practical Application 2
for American Band College at Central Washington University



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However, if these exercises are useful to you, or you have any suggestions for
improvement, please drop me a line at BandDirectorBL@yahoo.com

Using these exercises

These exercises are intended to help develop basic timpani skills for younger percussionists. Each exercise is presented for snare drum, bass drum, and mallets, in addition to its timpani equivalent, but they are grouped according to where each pattern is most commonly found. "Bass drum based patterns" are most commonly found in bass drum parts, "Snare drum based patterns" in snare music, etc. The "Marching quads and mallet percussion based patterns" section is the most technically challenging.

Each pattern is short, and many times the same patterns are presented at increasing subdivision. I recommend repeating each pattern slowly and gradually increasing tempo as you become more comfortable reading the music and moving around the timpani. Happy music making!

-BJL

Those Orange Things In The Back:

Timpani For Percussionists

exercises and patterns

Bass Drum based patterns

Bryan Lackey

① basic pattern on 2 timpani

① basic pattern on 2 timpani

② on 3 timpani

② on 3 timpani

③ on 4 timpani

③ on 4 timpani

③

F-Bb-D-F

① march beat on 2 timpani

② on 3 timpani

① march beat on 2 timpani

② on 3 timpani

F-Bb

F-Bb-D

①

②

score - 3

③ in Eb on 2 timpani

④ in Eb on 3 timpani

Bb-Eb-G

③ Bb-Eb

④ Bb-Eb-G

① dotted eighth-sixteenth quarter on 2 drums

① F-Bb

② on 3 timpani

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②
F-Bb-D

③ on 4 timpani

③ On 4 timpan

The score consists of three staves. The top two staves are for timpani, marked with a double bar line and a repeat sign. The bottom staff is for a melodic instrument, marked with a treble clef and a key signature of one flat (B-flat). The music is in 4/4 time and features a repeating rhythmic pattern of eighth and sixteenth notes.

score - 5

This musical score, labeled 'score - 5', is written for piano and strings. The piano part is represented by three staves with grand staves (treble and bass clefs) and a common time signature. The string part consists of two staves, both in bass clef with a key signature of one flat (B-flat). The score is divided into five measures. The piano part features a rhythmic pattern of eighth and sixteenth notes, often beamed together, with some measures containing rests. The string part provides a harmonic accompaniment with similar rhythmic patterns. The notation includes various musical symbols such as notes, rests, beams, and bar lines.

Snare Drum based patterns**①** eighth notes, accents on 1 and 3, on 2 timpani

Pattern 1: eighth notes, accents on 1 and 3, on 2 timpani. The score consists of three staves. The top staff is a grand staff with three staves (snare, tom, and another snare) showing eighth notes with accents on measures 1 and 3. The middle staff is a treble clef staff showing eighth notes with accents on measures 1 and 3. The bottom staff is a bass clef staff showing eighth notes with accents on measures 1 and 3, with a circled 1 and F-Bb written above the first measure.

② on 3 timpani

Pattern 2: on 3 timpani. The score consists of three staves. The top staff is a grand staff with three staves (snare, tom, and another snare) showing eighth notes with accents on measures 1 and 3. The middle staff is a treble clef staff showing eighth notes with accents on measures 1 and 3. The bottom staff is a bass clef staff showing eighth notes with accents on measures 1 and 3, with a circled 2 and F-Bb-D written above the first measure.

③ on 4 timpani

The first system of the musical score consists of five staves. The top three staves are for timpani, each marked with a double bar line and a '3' in a circle. They play a rhythmic pattern of eighth notes with accents. The fourth staff is a treble clef staff with a key signature of two flats (B-flat and E-flat), playing a melody of eighth notes with accents. The fifth staff is a bass clef staff with a key signature of two flats, playing a bass line of eighth notes with accents. The system contains four measures of music.

③

F-Bb-D-F

The second system of the musical score continues the piece with four measures. It features the same five-staff arrangement as the first system. The timpani parts continue their rhythmic pattern. The treble and bass staves continue their melodic and bass lines, respectively, with accents on the notes. The system concludes with a double bar line.

Marching quads and mallet percussion based patterns**Two drum patterns**

①

②

(rolls optional)

① F-Bb

③

④

⑤

③

④

⑤

③

④

⑤

⑥ descending

⑦

Musical score for measures 6 and 7. The score is written for three staves: three percussion staves (top) and two melodic staves (middle and bottom). The time signature is 4/4. The key signature has two flats (B-flat and E-flat). Measure 6 is marked with a circled 6 and the text "descending". The percussion staves show a single note on the first line of each staff. The melodic staves show a single note on the first line of each staff. Measure 7 is marked with a circled 7. The percussion staves show a single note on the first line of each staff. The melodic staves show a single note on the first line of each staff. The text "(rolls optional)" is written above the first staff of measure 6.

⑧

⑨

⑩

Musical score for measures 8, 9, and 10. The score is written for three staves: three percussion staves (top) and two melodic staves (middle and bottom). The time signature is 2/4. The key signature has two flats (B-flat and E-flat). Measure 8 is marked with a circled 8. The percussion staves show a single note on the first line of each staff. The melodic staves show a single note on the first line of each staff. Measure 9 is marked with a circled 9. The percussion staves show a single note on the first line of each staff. The melodic staves show a single note on the first line of each staff. Measure 10 is marked with a circled 10. The percussion staves show a single note on the first line of each staff. The melodic staves show a single note on the first line of each staff.

Three drum patterns

score - 10

①

(rolls optional)

①

F-Bb-D

②

3

3

③

3

④

3

3

3

3

3

3

3

3

②

3

3

③

3

3

④

3

3

score - 11

⑤

3 3 3 3

3 3 3 3

3 3 3 3

3 3 3 3

3 3 3 3

⑥ descending

4/4 4/4 4/4 4/4 4/4 4/4

(rolls optional)

(rolls optional)

(rolls optional)

score - 12

⑦ ⑧ ⑨

2/4

⑦ ⑧ ⑨

2/4

⑩

⑩

① Four drum patterns

① Four drum patterns

(rolls optional)

(rolls optional)

① (rolls optional)
F-Bb-D-F

This section consists of three staves. The top staff is a grand staff with three five-line staves, each with a drum icon and a 4/4 time signature. It contains a sequence of whole notes across eight measures. The middle staff is a single five-line staff with a treble clef, a key signature of two flats (Bb, Eb), and a 4/4 time signature, containing a sequence of whole notes across eight measures. The bottom staff is a single five-line staff with a bass clef, a key signature of two flats (Bb, Eb), and a 4/4 time signature, containing a sequence of whole notes across eight measures. The first measure of the bottom staff is marked with a circled '1' and the text '(rolls optional) F-Bb-D-F'.

②

③

②

③

This section consists of three staves. The top staff is a grand staff with three five-line staves, each with a drum icon. It is divided into two parts by a double bar line. The first part, marked with a circled '2', contains a sequence of eighth notes across eight measures. The second part, marked with a circled '3', contains a sequence of eighth notes across four measures. The middle staff is a single five-line staff with a treble clef, a key signature of two flats (Bb, Eb), and a 4/4 time signature, containing a sequence of eighth notes across eight measures. The bottom staff is a single five-line staff with a bass clef, a key signature of two flats (Bb, Eb), and a 4/4 time signature, containing a sequence of eighth notes across eight measures. The first measure of the bottom staff is marked with a circled '2', and the first measure of the second part is marked with a circled '3'.

④

⑤

④

⑤

This musical score consists of three staves. The top two staves are grand staves (treble and bass clef) with a common key signature of two flats (B-flat and E-flat). The bottom staff is a single bass clef staff. The score is divided into two measures by a double bar line. Measure 4 is marked with a circled '4' and contains eighth notes. Measure 5 is marked with a circled '5' and contains sixteenth notes. The notation includes various musical symbols such as clefs, key signature, and note values.

⑥ descending

(rolls optional)

(rolls optional)

⑥
(rolls optional)
F-Bb-D-F

This musical score consists of three staves. The top two staves are grand staves (treble and bass clef) with a common key signature of two flats (B-flat and E-flat). The bottom staff is a single bass clef staff. The score is divided into eight measures by vertical bar lines. The notation includes various musical symbols such as clefs, key signature, and note values. The first measure of the bottom staff is marked with a circled '6' and the text '(rolls optional)'. The second measure of the bottom staff is marked with the text '(rolls optional)'. The third measure of the bottom staff is marked with the text '(rolls optional)' and the notes 'F-Bb-D-F'.

⑦

⑧

⑦

⑧

⑨

⑩

⑨

⑩

⑪ mix and match

Musical score for exercise 11, "mix and match". The score consists of three staves. The top two staves are grand staves, each with a treble and bass clef. The bottom staff is a single bass clef. The key signature is one flat (B-flat). The time signature is 4/4. The music is composed of whole notes. The first staff has a whole note on C4 in the treble and a whole note on F3 in the bass. The second staff has a whole note on G3 in the treble and a whole note on E3 in the bass. The third staff has a whole note on F3 in the bass. The exercise is labeled ⑪ and includes the text "mix and match".

⑪
F-Bb-D-F

Musical score for exercises 12 and 13. The score consists of three staves. The top two staves are grand staves, each with a treble and bass clef. The bottom staff is a single bass clef. The key signature is one flat (B-flat). The time signature is 4/4. Exercise 12 is marked with a circled 12 and consists of four measures of music. Exercise 13 is marked with a circled 13 and consists of four measures of music. The music is composed of quarter notes. The first staff has a quarter note on C4 in the treble and a quarter note on F3 in the bass. The second staff has a quarter note on G3 in the treble and a quarter note on E3 in the bass. The third staff has a quarter note on F3 in the bass. The exercises are labeled ⑪, ⑫, and ⑬.

14 15

14 15

16

16

F-Bb-D-F

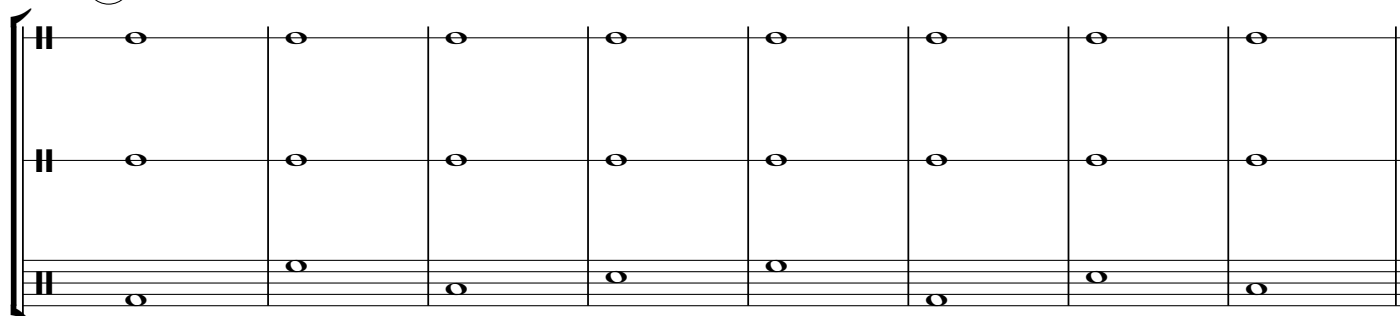
①7

This system contains measures 17 through 20. It features three staves: a grand staff with two treble clefs and one bass clef, and a single treble staff. Measures 17 and 18 are marked with a circled '17'. The music consists of half notes in the grand staff and quarter notes in the single treble staff.

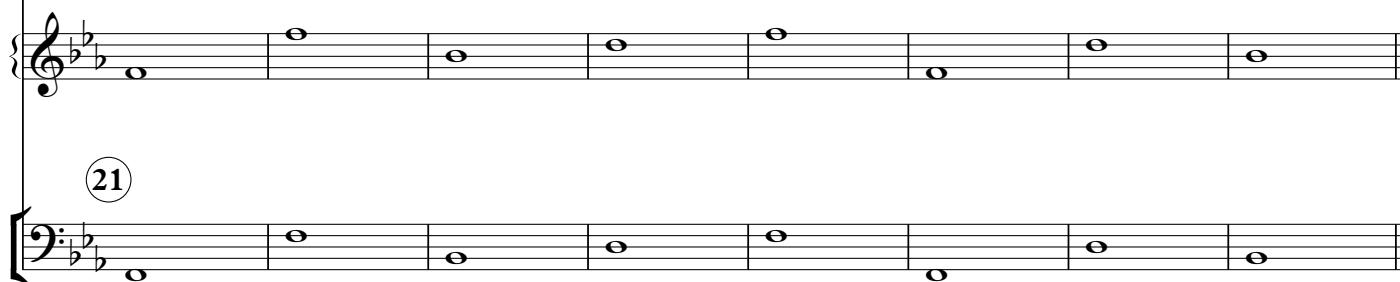
①8 ①9 ②0

This system contains measures 18 through 20. It features three staves: a grand staff with two treble clefs and one bass clef, and a single treble staff. Measures 18, 19, and 20 are marked with circled numbers 18, 19, and 20 respectively. Measures 18 and 19 contain half notes in the grand staff and quarter notes in the single treble staff. Measures 20 and 21 contain eighth notes in the grand staff and eighth notes in the single treble staff.

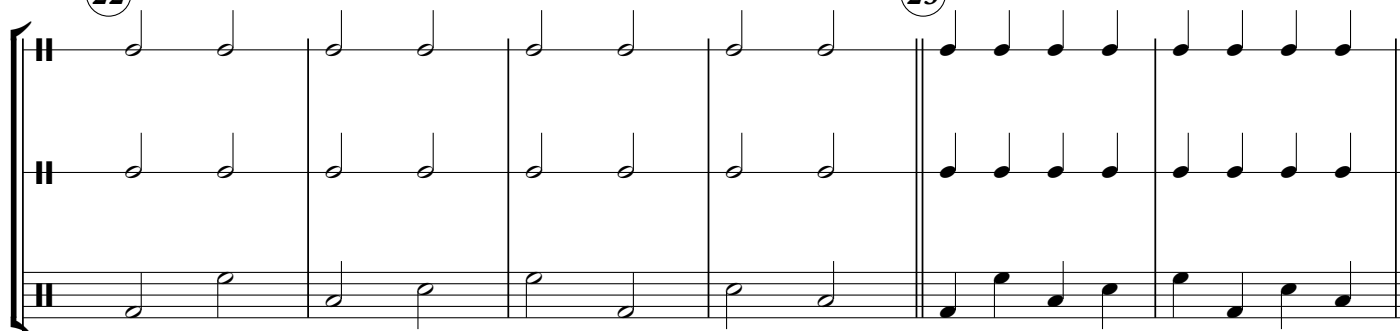
21



21



22



23



22



23

score - 20

24 25

24 25

26

26

27 28

This block contains the first three measures of a musical system, measures 27 and 28. It features three staves: a grand staff with two treble clefs and one bass clef. Measures 27 and 28 are marked with circled numbers. The notation includes whole notes, half notes, and quarter notes, with a repeat sign at the end of measure 28.

29 30

This block contains the next three measures of the musical system, measures 29 and 30. It features the same three-staff arrangement. Measures 29 and 30 are marked with circled numbers. The notation includes eighth notes, quarter notes, and half notes, with a repeat sign at the end of measure 30.

Those Orange Things In The Back: Timpani For Other Percussionists

exercises and patterns Bass Drum based patterns

Bryan Lackey

① basic pattern on 2 timpani

Snare Drum/Bass Drum - 2

① dotted eighth-sixteenth quarter on 2 drums

4/4

F-Bb

② on 3 timpani

F-Bb-D

③ on 4 timpani

F-Bb-D

Snare Drum based patterns

① eighth notes, accents on 1 and 3, on 2 timpani

Pattern 1: Eighth notes, accents on 1 and 3, on 2 timpani. The notation consists of two staves. The top staff is a snare drum staff with a treble clef and a key signature of one flat (Bb). It contains four measures of eighth notes with accents on the first and third notes of each measure. The bottom staff is a bass drum staff with a bass clef and a key signature of one flat (Bb). It contains four measures of eighth notes with accents on the first and third notes of each measure. The pattern is labeled "F-Bb" above the first measure of the bass drum staff.

② on 3 timpani

Pattern 2: On 3 timpani. The notation consists of two staves. The top staff is a snare drum staff with a treble clef and a key signature of one flat (Bb). It contains four measures of eighth notes with accents on the first and third notes of each measure. The bottom staff is a bass drum staff with a bass clef and a key signature of one flat (Bb). It contains four measures of eighth notes with accents on the first and third notes of each measure. The pattern is labeled "F-Bb-D" above the first measure of the bass drum staff.

③ on 4 timpani

Pattern 3: On 4 timpani. The notation consists of two staves. The top staff is a snare drum staff with a treble clef and a key signature of one flat (Bb). It contains four measures of eighth notes with accents on the first and third notes of each measure. The bottom staff is a bass drum staff with a bass clef and a key signature of one flat (Bb). It contains four measures of eighth notes with accents on the first and third notes of each measure. The pattern is labeled "F-Bb-D-F" above the first measure of the bass drum staff.

Pattern 4: On 4 timpani. The notation consists of two staves. The top staff is a snare drum staff with a treble clef and a key signature of one flat (Bb). It contains four measures of eighth notes with accents on the first and third notes of each measure. The bottom staff is a bass drum staff with a bass clef and a key signature of one flat (Bb). It contains four measures of eighth notes with accents on the first and third notes of each measure.

Marching quads and mallet percussion based patterns

Two drum patterns

①

②

F-Bb

③

④

⑤

⑥ descending

⑦

⑧

⑨

⑩

Snare Drum/Bass Drum - 5

Three drum patterns

①

F-Bb-D

② ③ ④ ⑤

⑥ descending

(rolls optional)

⑦ ⑧ ⑨ ⑩

Snare Drum/Bass Drum - 6

Four drum patterns

①

Pattern 1: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a single eighth note on the first beat, followed by rests. The bass drum part is labeled "(rolls optional)" and "F-Bb-D-F".

②

Pattern 2: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a steady eighth-note rhythm.

③

Pattern 3: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a steady eighth-note rhythm.

④

Pattern 4: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a steady eighth-note rhythm.

⑤

Pattern 5: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a steady eighth-note rhythm.

⑥ descending

Pattern 6: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a steady eighth-note rhythm. The bass drum part is labeled "(rolls optional)" and "F-Bb-D-F".

⑦

Pattern 7: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a steady eighth-note rhythm.

⑧

Pattern 8: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a steady eighth-note rhythm.

⑨

Pattern 9: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a steady eighth-note rhythm.

⑩

Pattern 10: Snare drum (top staff) plays a steady eighth-note rhythm. Bass drum (bottom staff) plays a steady eighth-note rhythm.

Snare Drum/Bass Drum - 7

11 mix and match

Exercise 11, titled "mix and match", consists of two staves. The top staff is a snare drum line with a treble clef and a key signature of one flat (B-flat). It contains eight measures, each with a single half note. The bottom staff is a bass drum line with a bass clef and a key signature of one flat. It contains eight measures, each with a single half note. The first measure of the bass drum line is labeled "F-Bb-D-F".

Exercise 12 and 13 consist of two staves. The top staff is a snare drum line with a treble clef and a key signature of one flat. It contains two measures of exercise 12, each with a single half note, followed by four measures of exercise 13, each with a single eighth note. The bottom staff is a bass drum line with a bass clef and a key signature of one flat. It contains two measures of exercise 12, each with a single half note, followed by four measures of exercise 13, each with a single eighth note.

Exercise 14, 15, and 16 consist of two staves. The top staff is a snare drum line with a treble clef and a key signature of one flat. It contains four measures of exercise 14, each with a single eighth note, followed by four measures of exercise 15, each with a single eighth note, and then four measures of exercise 16, each with a single eighth note. The bottom staff is a bass drum line with a bass clef and a key signature of one flat. It contains four measures of exercise 14, each with a single eighth note, followed by four measures of exercise 15, each with a single eighth note, and then four measures of exercise 16, each with a single eighth note. The first measure of the bass drum line is labeled "F-Bb-D-F".

Exercise 17 consists of two staves. The top staff is a snare drum line with a treble clef and a key signature of one flat. It contains four measures of exercise 17, each with a single half note. The bottom staff is a bass drum line with a bass clef and a key signature of one flat. It contains four measures of exercise 17, each with a single half note.

Exercise 18, 19, and 20 consist of two staves. The top staff is a snare drum line with a treble clef and a key signature of one flat. It contains four measures of exercise 18, each with a single eighth note, followed by four measures of exercise 19, each with a single eighth note, and then four measures of exercise 20, each with a single eighth note. The bottom staff is a bass drum line with a bass clef and a key signature of one flat. It contains four measures of exercise 18, each with a single eighth note, followed by four measures of exercise 19, each with a single eighth note, and then four measures of exercise 20, each with a single eighth note.

Snare Drum/Bass Drum - 8

21

Measures 21-22: Snare drum and bass drum play a simple pattern of half notes.

22 23

Measures 22-23: Snare drum and bass drum play a simple pattern of half notes.

24 25

Measures 24-25: Snare drum and bass drum play a simple pattern of half notes.

26

Measures 26-27: Snare drum and bass drum play a simple pattern of half notes.

27 28

Measures 27-28: Snare drum and bass drum play a simple pattern of half notes.

29 30

Measures 29-30: Snare drum and bass drum play a simple pattern of half notes.

Those Orange Things In The Back: Timpani For Other Percussionists

exercises and patterns
Bass Drum based patterns

Bryan Lackey

① basic pattern on 2 timpani

F-Bb

② on 3 timpani

F-Bb-D

③ on 4 timpani

F-Bb-D-F

① march beat on 2 timpani

② on 3 timpani

F-Bb

③ in Eb on 2 timpani

④ in Eb on 3 timpani

Bb-Eb

Bb-Eb-G

Marching Quads - 2

① dotted eighth-sixteenth quarter on 2 drums

Two staves of music in 4/4 time, key of B-flat major. The top staff is a snare drum line with a dotted eighth-sixteenth quarter note pattern. The bottom staff is a bass drum line with a corresponding pattern. The key signature is one flat (B-flat major). The pattern consists of a dotted eighth-sixteenth quarter note followed by a quarter note, repeated four times.

② on 3 timpani

Two staves of music in 4/4 time, key of B-flat major. The top staff is a snare drum line with a dotted eighth-sixteenth quarter note pattern. The bottom staff is a bass drum line with a corresponding pattern. The key signature is one flat (B-flat major). The pattern consists of a dotted eighth-sixteenth quarter note followed by a quarter note, repeated four times.

③ on 4 timpani

Two staves of music in 4/4 time, key of B-flat major. The top staff is a snare drum line with a dotted eighth-sixteenth quarter note pattern. The bottom staff is a bass drum line with a corresponding pattern. The key signature is one flat (B-flat major). The pattern consists of a dotted eighth-sixteenth quarter note followed by a quarter note, repeated four times.

Snare Drum based patterns

① eighth notes, accents on 1 and 3, on 2 timpani

Two staves of music in 4/4 time, key of B-flat major. The top staff is a snare drum line with eighth notes and accents on the first and third beats. The bottom staff is a bass drum line with a corresponding pattern. The key signature is one flat (B-flat major). The pattern consists of eighth notes with accents on the first and third beats, repeated four times.

② on 3 timpani

Two staves of music in 4/4 time, key of B-flat major. The top staff is a snare drum line with eighth notes and accents on the first and third beats. The bottom staff is a bass drum line with a corresponding pattern. The key signature is one flat (B-flat major). The pattern consists of eighth notes with accents on the first and third beats, repeated four times.

Marching Quads - 3

③ on 4 timpani

The first system of music consists of two staves. The top staff is a snare drum line with a treble clef and a key signature of one flat (B-flat). It contains four measures of music, each with a triplet of eighth notes. The first two measures have a dynamic marking of f (forte), and the last two measures have a dynamic marking of fz (forzando). The bottom staff is a bass line with a bass clef and a key signature of one flat. It contains four measures of music, each with a triplet of eighth notes. The first two measures have a dynamic marking of f (forte), and the last two measures have a dynamic marking of fz (forzando). A chord symbol F-Bb-D-F is written above the first measure of the bass line.

The second system of music consists of two staves. The top staff is a snare drum line with a treble clef and a key signature of one flat (B-flat). It contains four measures of music, each with a triplet of eighth notes. The first two measures have a dynamic marking of f (forte), and the last two measures have a dynamic marking of fz (forzando). The bottom staff is a bass line with a bass clef and a key signature of one flat. It contains four measures of music, each with a triplet of eighth notes. The first two measures have a dynamic marking of f (forte), and the last two measures have a dynamic marking of fz (forzando).

Marching Quads - 4

Marching quads and mallet percussion based patterns

Two drum patterns

① *(rolls optional)* ②

F-Bb

③ ④ ⑤

2/4 2/4

⑥ descending *(rolls optional)* ⑦

4/4 4/4

⑧ ⑨ ⑩

2/4 2/4

Marching Quads - 5

Three drum patterns

① *(rolls optional)*

Drum pattern 1 consists of two staves. The top staff is a snare drum line in 4/4 time, starting with a roll (indicated by a double bar line and a repeat sign) and followed by six eighth notes. The bottom staff is a bass drum line in 4/4 time, starting with a roll (indicated by a double bar line and a repeat sign) and followed by six eighth notes. The key signature is one flat (Bb).

②

③

④

⑤

Drum patterns 2 through 5 are shown on two staves. The top staff is a snare drum line and the bottom staff is a bass drum line. Patterns 2, 3, and 4 are in 4/4 time, while pattern 5 is in 2/4 time. All patterns feature triplets of eighth notes. The key signature is one flat (Bb).

⑥ descending
(rolls optional)

Drum pattern 6 consists of two staves. The top staff is a snare drum line in 4/4 time, starting with a roll (indicated by a double bar line and a repeat sign) and followed by six eighth notes. The bottom staff is a bass drum line in 4/4 time, starting with a roll (indicated by a double bar line and a repeat sign) and followed by six eighth notes. The key signature is one flat (Bb).

⑦

⑧

⑨

⑩

Drum patterns 7 through 10 are shown on two staves. The top staff is a snare drum line and the bottom staff is a bass drum line. Patterns 7, 8, and 9 are in 4/4 time, while pattern 10 is in 2/4 time. All patterns feature triplets of eighth notes. The key signature is one flat (Bb).

Marching Quads - 6

Four drum patterns

① (rolls optional)

Drum pattern 1 consists of two staves. The top staff is a snare drum line in 4/4 time, starting with a roll (indicated by a double bar line with a wavy line) followed by a series of eighth notes. The bottom staff is a bass drum line in 4/4 time, starting with a roll (indicated by a double bar line with a wavy line) followed by a series of eighth notes. The key signature is one flat (Bb).

②

③

Drum patterns 2 and 3 consist of two staves. The top staff is a snare drum line in 4/4 time, starting with a series of eighth notes. The bottom staff is a bass drum line in 4/4 time, starting with a series of eighth notes. The key signature is one flat (Bb).

④

⑤

Drum patterns 4 and 5 consist of two staves. The top staff is a snare drum line in 4/4 time, starting with a series of eighth notes. The bottom staff is a bass drum line in 4/4 time, starting with a series of eighth notes. The key signature is one flat (Bb).

⑥ descending
(rolls optional)

Drum pattern 6 consists of two staves. The top staff is a snare drum line in 4/4 time, starting with a series of eighth notes. The bottom staff is a bass drum line in 4/4 time, starting with a series of eighth notes. The key signature is one flat (Bb).

⑦

⑧

Drum patterns 7 and 8 consist of two staves. The top staff is a snare drum line in 4/4 time, starting with a series of eighth notes. The bottom staff is a bass drum line in 4/4 time, starting with a series of eighth notes. The key signature is one flat (Bb).

⑨

⑩

Drum patterns 9 and 10 consist of two staves. The top staff is a snare drum line in 4/4 time, starting with a series of eighth notes. The bottom staff is a bass drum line in 4/4 time, starting with a series of eighth notes. The key signature is one flat (Bb).

Marching Quads - 7

11 mix and match

Measure 11: A two-staff musical system. The top staff is a treble clef with a key signature of two flats (B-flat and E-flat). It contains a sequence of eight half notes: F, B-flat, D, F, B-flat, D, F, B-flat. The bottom staff is a bass clef with a key signature of two flats. It contains a sequence of eight half notes: F, B-flat, D, F, B-flat, D, F, B-flat. The text "F-Bb-D-F" is written above the first four notes of the bottom staff.

12

13

Measures 12 and 13: A two-staff musical system. The top staff is a treble clef with a key signature of two flats. It contains a sequence of eight quarter notes: F, B-flat, D, F, B-flat, D, F, B-flat. The bottom staff is a bass clef with a key signature of two flats. It contains a sequence of eight quarter notes: F, B-flat, D, F, B-flat, D, F, B-flat.

14

15

16

Measures 14, 15, and 16: A two-staff musical system. The top staff is a treble clef with a key signature of two flats. It contains a sequence of eight eighth notes: F, B-flat, D, F, B-flat, D, F, B-flat. The bottom staff is a bass clef with a key signature of two flats. It contains a sequence of eight eighth notes: F, B-flat, D, F, B-flat, D, F, B-flat. The text "F-Bb-D-F" is written above the first four notes of the bottom staff.

17

Measure 17: A two-staff musical system. The top staff is a treble clef with a key signature of two flats. It contains a sequence of four half notes: F, B-flat, D, F. The bottom staff is a bass clef with a key signature of two flats. It contains a sequence of four half notes: F, B-flat, D, F.

18

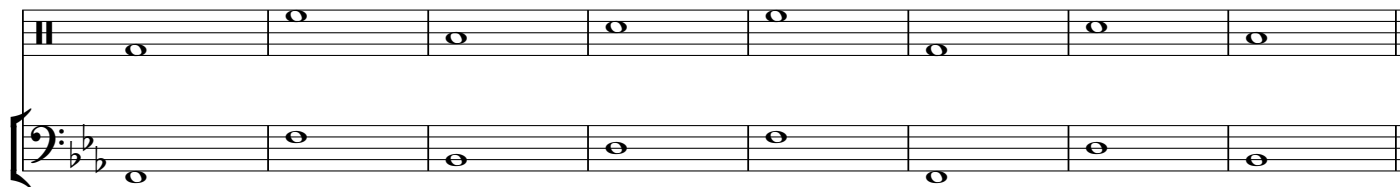
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20

Measures 18, 19, and 20: A two-staff musical system. The top staff is a treble clef with a key signature of two flats. It contains a sequence of eight eighth notes: F, B-flat, D, F, B-flat, D, F, B-flat. The bottom staff is a bass clef with a key signature of two flats. It contains a sequence of eight eighth notes: F, B-flat, D, F, B-flat, D, F, B-flat.

Marching Quads - 8

21



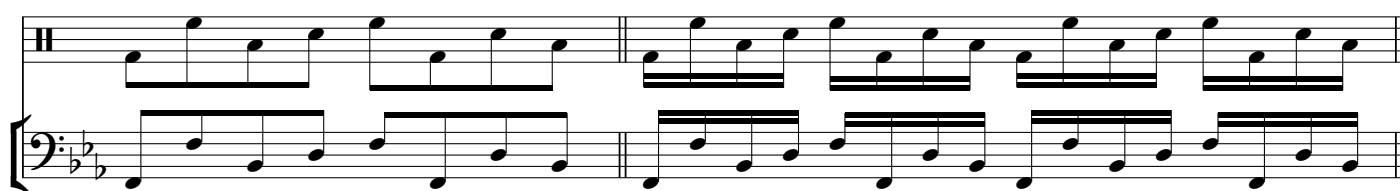
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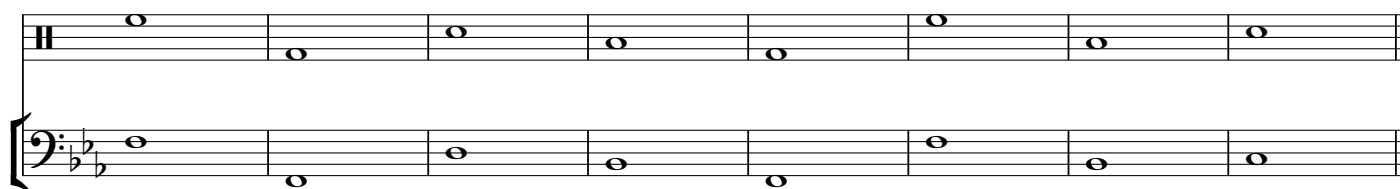


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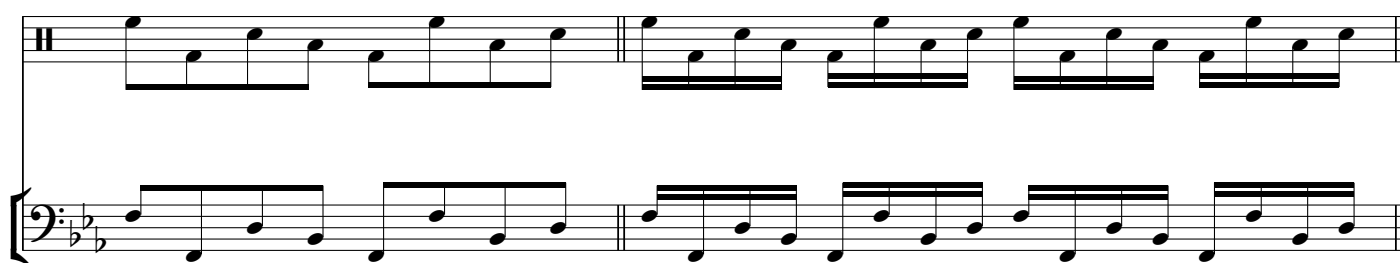
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Those Orange Things In The Back: Timpani For Other Percussionists

exercises and patterns
Bass Drum based patterns

Bryan Lackey

① basic pattern on 2 timpani

Mallet percussion - 2

① dotted eighth-sixteenth quarter on 2 drums

Exercise 1: Dotted eighth-sixteenth quarter on 2 drums. The notation is in 4/4 time with a key signature of two flats (Bb and Eb). The exercise consists of two staves. The first staff (treble clef) contains the following notes: a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a whole rest. The second staff (bass clef) contains the following notes: a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, and a whole rest. The exercise is marked with a repeat sign at the end of each staff.

② on 3 timpani

Exercise 2: On 3 timpani. The notation is in 4/4 time with a key signature of two flats (Bb and Eb). The exercise consists of two staves. The first staff (treble clef) contains the following notes: a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a whole rest. The second staff (bass clef) contains the following notes: a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, and a whole rest. The exercise is marked with a repeat sign at the end of each staff.

③ on 4 timpani

Exercise 3: On 4 timpani. The notation is in 4/4 time with a key signature of two flats (Bb and Eb). The exercise consists of two staves. The first staff (treble clef) contains the following notes: a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a whole rest. The second staff (bass clef) contains the following notes: a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, and a whole rest. The exercise is marked with a repeat sign at the end of each staff.

Exercise 4: This exercise continues the pattern from Exercise 3. The notation is in 4/4 time with a key signature of two flats (Bb and Eb). It consists of two staves. The first staff (treble clef) contains the following notes: a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a whole rest. The second staff (bass clef) contains the following notes: a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, and a whole rest. The exercise is marked with a repeat sign at the end of each staff.

Exercise 5: This exercise continues the pattern from Exercise 3. The notation is in 4/4 time with a key signature of two flats (Bb and Eb). It consists of two staves. The first staff (treble clef) contains the following notes: a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, a whole rest, a dotted quarter note G4, an eighth note A4, a quarter note Bb4, and a whole rest. The second staff (bass clef) contains the following notes: a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, a whole rest, a dotted quarter note G3, an eighth note A3, a quarter note Bb3, and a whole rest. The exercise is marked with a repeat sign at the end of each staff.

Mallet percussion - 3

Snare Drum based patterns

① eighth notes, accents on 1 and 3, on 2 timpani

Two staves of music in 3/4 time, key of B-flat major. The top staff is in treble clef and the bottom staff is in bass clef. Both staves contain eighth notes with accents on the first and third beats of each measure. The bottom staff is labeled with the pitch F-Bb.

② on 3 timpani

Two staves of music in 3/4 time, key of B-flat major. The top staff is in treble clef and the bottom staff is in bass clef. Both staves contain eighth notes with accents on the first and third beats of each measure. The bottom staff is labeled with the pitch F-Bb-D.

③ on 4 timpani

Two staves of music in 3/4 time, key of B-flat major. The top staff is in treble clef and the bottom staff is in bass clef. Both staves contain eighth notes with accents on the first and third beats of each measure. The bottom staff is labeled with the pitch F-Bb-D-F.

Two staves of music in 3/4 time, key of B-flat major. The top staff is in treble clef and the bottom staff is in bass clef. Both staves contain eighth notes with accents on the first and third beats of each measure.

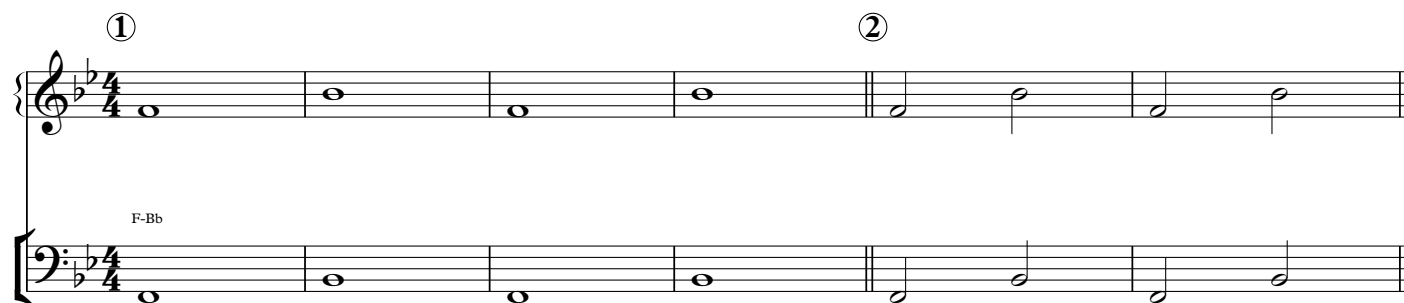
Marching quads and mallet percussion based patterns

Two drum patterns

①

②

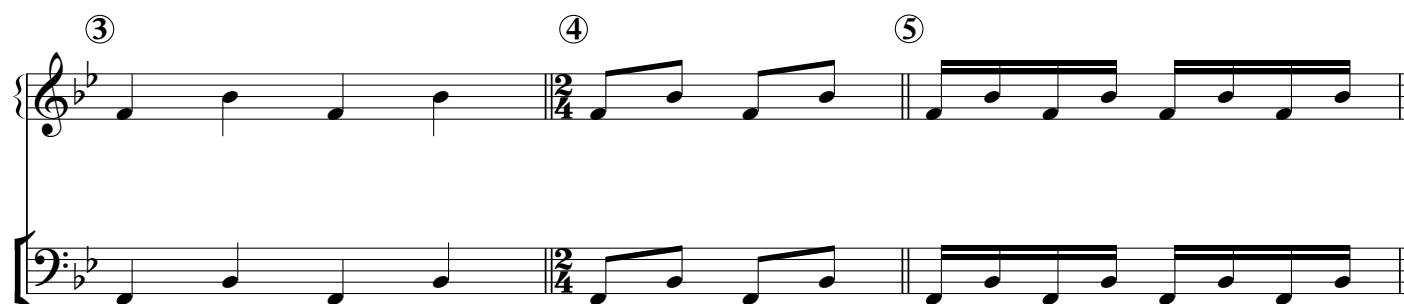
F-Bb



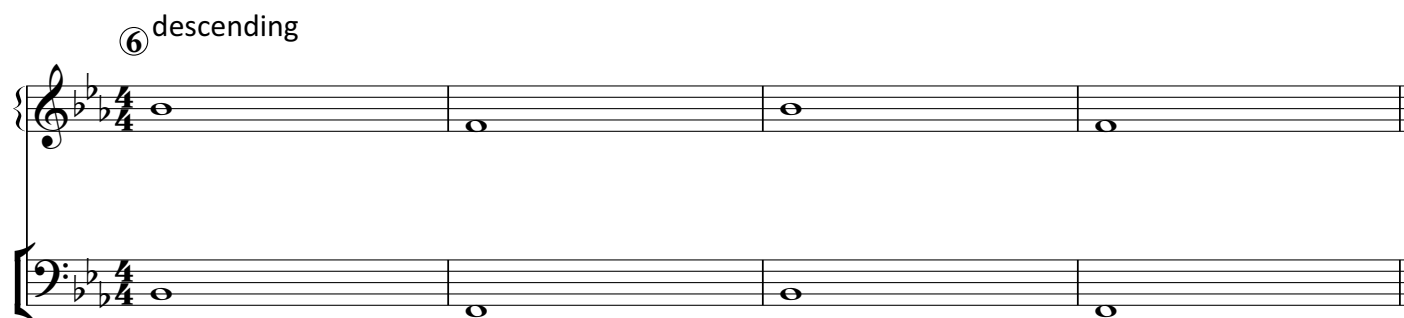
③

④

⑤



⑥ descending

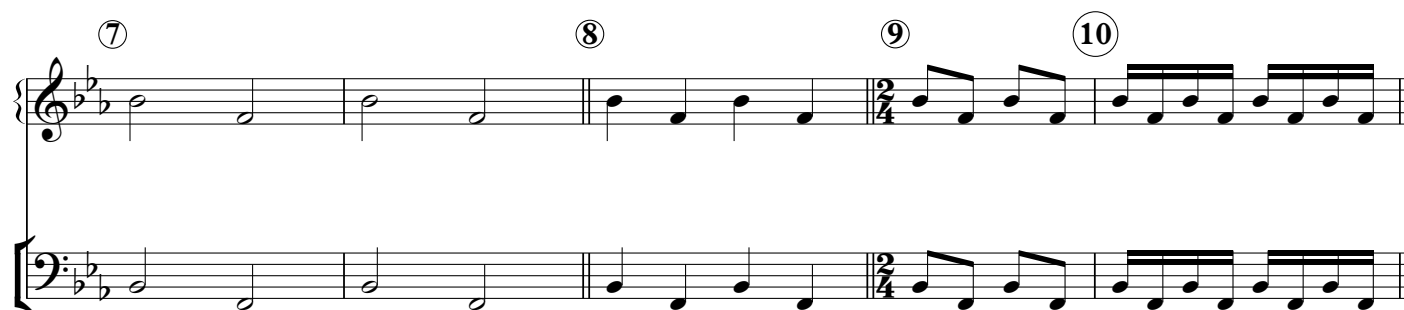


⑦

⑧

⑨

⑩



Mallet percussion - 5

Three drum patterns

①

Drum pattern 1: Treble and bass staves in 4/4 time, key of B-flat major. The pattern consists of six measures, each containing a single half note. The notes are B-flat, D, F, B-flat, D, and F. The bass staff is labeled with the notes F-Bb-D.

②

③

④

⑤

Drum patterns 2-5: Treble and bass staves in 4/4 time, key of B-flat major. Patterns 2 and 3 are in 4/4 time. Patterns 4 and 5 are in 2/4 time. All patterns consist of six measures. Patterns 2 and 3 are in 4/4 time. Patterns 4 and 5 are in 2/4 time. All patterns consist of six measures. Patterns 2 and 3 are in 4/4 time. Patterns 4 and 5 are in 2/4 time. All patterns consist of six measures.

⑥ descending
(rolls optional)

Drum pattern 6: Treble and bass staves in 4/4 time, key of B-flat major. The pattern consists of six measures, each containing a single half note. The notes are B-flat, D, F, B-flat, D, and F. The bass staff is labeled with the notes F-Bb-D.

⑦

⑧

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Drum patterns 7-10: Treble and bass staves in 4/4 time, key of B-flat major. Patterns 7 and 8 are in 4/4 time. Patterns 9 and 10 are in 2/4 time. All patterns consist of six measures. Patterns 7 and 8 are in 4/4 time. Patterns 9 and 10 are in 2/4 time. All patterns consist of six measures.

Mallet percussion - 6

Four drum patterns

① (rolls optional)

Two staves of music in 4/4 time, key of B-flat major. The first staff has a treble clef and the second has a bass clef. Both staves start with a roll (indicated by a double bar line with a wavy line) and then play a series of half notes: B-flat, D, F, B-flat, D, F, B-flat, D. The second staff has a roll (indicated by a double bar line with a wavy line) and then plays a series of half notes: B-flat, D, F, B-flat, D, F, B-flat, D.

②

③

Two staves of music in 4/4 time, key of B-flat major. The first staff has a treble clef and the second has a bass clef. Pattern 2 (first staff) consists of a series of half notes: B-flat, D, F, B-flat, D, F, B-flat, D. Pattern 3 (second staff) consists of a series of half notes: B-flat, D, F, B-flat, D, F, B-flat, D.

④

⑤

Two staves of music in 4/4 time, key of B-flat major. The first staff has a treble clef and the second has a bass clef. Pattern 4 (first staff) consists of a series of eighth notes: B-flat, D, F, B-flat, D, F, B-flat, D. Pattern 5 (second staff) consists of a series of eighth notes: B-flat, D, F, B-flat, D, F, B-flat, D.

⑥ descending
(rolls optional)

Two staves of music in 4/4 time, key of B-flat major. The first staff has a treble clef and the second has a bass clef. Pattern 6 (first staff) consists of a series of half notes: B-flat, D, F, B-flat, D, F, B-flat, D. The second staff has a roll (indicated by a double bar line with a wavy line) and then plays a series of half notes: B-flat, D, F, B-flat, D, F, B-flat, D.

⑦

⑧

Two staves of music in 4/4 time, key of B-flat major. The first staff has a treble clef and the second has a bass clef. Pattern 7 (first staff) consists of a series of half notes: B-flat, D, F, B-flat, D, F, B-flat, D. Pattern 8 (second staff) consists of a series of half notes: B-flat, D, F, B-flat, D, F, B-flat, D.

⑨

⑩

Two staves of music in 4/4 time, key of B-flat major. The first staff has a treble clef and the second has a bass clef. Pattern 9 (first staff) consists of a series of eighth notes: B-flat, D, F, B-flat, D, F, B-flat, D. Pattern 10 (second staff) consists of a series of eighth notes: B-flat, D, F, B-flat, D, F, B-flat, D.

Mallet percussion - 7

⑪ mix and match

Exercise 11, measures 11-12. The notation is in 2/4 time with a key signature of two flats (Bb and Eb). The melody in the treble clef consists of half notes: Bb4, A4, G4, F4, E4, D4, C4, and Bb3. The bass line in the bass clef consists of half notes: Bb3, A3, G3, F3, E3, D3, C3, and Bb2. The text "F-Bb-D-F" is written above the first measure of the bass line.

⑫

⑬

Exercise 12, measures 13-14. The notation is in 2/4 time with a key signature of two flats. The melody in the treble clef consists of quarter notes: Bb4, A4, G4, F4, E4, D4, C4, and Bb3. The bass line in the bass clef consists of quarter notes: Bb3, A3, G3, F3, E3, D3, C3, and Bb2.

⑭

⑮

⑯

Exercise 14, measures 15-16. The notation is in 2/4 time with a key signature of two flats. The melody in the treble clef consists of eighth notes: Bb4, A4, G4, F4, E4, D4, C4, and Bb3. The bass line in the bass clef consists of eighth notes: Bb3, A3, G3, F3, E3, D3, C3, and Bb2. The text "F-Bb-D-F" is written above the first measure of the bass line.

⑰

Exercise 17, measures 17-18. The notation is in 2/4 time with a key signature of two flats. The melody in the treble clef consists of half notes: Bb4, A4, G4, F4, E4, D4, C4, and Bb3. The bass line in the bass clef consists of half notes: Bb3, A3, G3, F3, E3, D3, C3, and Bb2.

⑱

⑲

⑳

Exercise 18, measures 19-20. The notation is in 2/4 time with a key signature of two flats. The melody in the treble clef consists of eighth notes: Bb4, A4, G4, F4, E4, D4, C4, and Bb3. The bass line in the bass clef consists of eighth notes: Bb3, A3, G3, F3, E3, D3, C3, and Bb2.

Mallet percussion - 8

21

Measures 21 and 22 of the Mallet percussion part. The key signature has three flats (B-flat, E-flat, A-flat). Measure 21 consists of a whole note G3. Measure 22 consists of a whole note G3.

22 23

Measures 23 and 24 of the Mallet percussion part. Measure 23 consists of a whole note G3. Measure 24 consists of a whole note G3.

24 25

Measures 25 and 26 of the Mallet percussion part. Measure 25 consists of a whole note G3. Measure 26 consists of a whole note G3.

26

Measures 27 and 28 of the Mallet percussion part. Measure 27 consists of a whole note G3. Measure 28 consists of a whole note G3.

27 28

Measures 29 and 30 of the Mallet percussion part. Measure 29 consists of a whole note G3. Measure 30 consists of a whole note G3.

29 30

Measures 31 and 32 of the Mallet percussion part. Measure 31 consists of a whole note G3. Measure 32 consists of a whole note G3.