

Table of Notes

With an Explanation of Clefs and Staves

Bass Notes

Treble Notes

	Bass Notes												Treble Notes														
	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A
C may be written C, C may be written c, C may be written c', etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Violin-clef (also called G-clef or treble clef)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bass clef (also called F-clef)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8va bassa...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Contra-Octave	Great Octave	Small Octave	One-lined Octave	Two-lined Octave	Three-lined Octave	Four-lined Octave																					

The round, black dots are called *notes*. They may be written either on the lines or in the spaces between the lines.

As shown above, each clef is set on a group of five lines. These five lines are called the *staff*. Examine the clefs carefully, and notice what effect they have on the signification of the notes.

The Rudiments of Music

The signs used to show the position (pitch, either high or low) of the tones are called *notes*. They are written on what is called the *staff*, which consists of five parallel *lines* and the *spaces* between the lines.

The lowest line (or space) is called the *first line* (or space); the next line (or space) above, the *second*; etc.; that is, both lines and spaces are counted from below upwards.



Notes that are either too high or too low to be written on the staff must be set on or between short added lines above or below. These lines are called *leger-lines*.



For naming the notes, the first seven letters of the alphabet are used. In the *key of C major* the letters come in the following order: C, D, E, F, G, A, B, ending on C. These eight notes form what is called the *scale of C major*. Every scale is composed of five whole-steps and two half-steps, which occur in the following order:

Scale of C major

Whole-step Whole-step Half-step Whole-step Whole-step Whole-step Half-step

C 1 D 2 E 3 F 4 G 5 A 6 B 7 C 8
Tonic Supertonic Mediant Subdominant Dominant Superdominant Leading-tone Tonic

A *sharp* (♯) written before a note raises it a half-step; a *flat* (♭) written before a note lowers it a half-step. A *natural* (♮) restores a note to the original pitch.

Chromatic Scale, ascending

Chromatic Scale, descending

There are two *modes*, the *major* and the *minor* mode. The principal scales in the minor mode are the *melodic* and the *harmonic*.

Melodic Minor Scale, ascending and descending

Harmonic Minor Scale, ascending and descending

One important difference between major and minor scales is that in the major there are four half-steps between tonic and mediant, but in the minor there are only three.

There are twelve *major keys*, the tonics or keynotes of which are determined by the signature. The following are the *tonic chords* of all these keys.

Time-value of Notes

A whole-note



is equal to 2 half-notes,



or 4 quarter-notes,



or 8 eighth-notes,



or 16 sixteenth-notes,



or 32 thirty-second-notes,



etc.

There are twelve *minor keys*, the tonics or keynotes of which are determined by the signature. The following are the *tonic chords* of all these keys.

In writing signatures, sharps are added by skipping upwards a fifth*, then downwards a fourth* and so on.

F sharp C sharp G sharp D sharp A sharp E sharp B sharp

* For the meaning of these intervals, see page VIII.

In writing signatures, flats are added by skipping upwards a fourth, then downwards a fifth, and so on.

B flat E flat A flat D flat G flat C flat F flat

If a note already sharp is to be raised another half-step, this sign (x), called a *double-sharp*, is used; if a note with a flat is to be lowered another half-step, the (bb) *double-flat* is used.

F sharp F double-sharp F sharp E flat E double-flat E flat

* The use of the ♯ in this connection is being generally discontinued.

Keys having similar signatures stand in closest relation to each other, and are called *relative keys*.

The *clefs* chiefly used are the following:

Treble or G-clef	Bass or F-clef	Soprano or C-clef	Alto Clef	Tenor Clef
G	F	C	C	C

Dal Segno
(means "from the sign"
corresponding to the
one above the D. S.) %

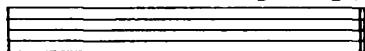
Fermata (Hold)



Signs of repetition



Da Capo
(means "from the beginning")



D. C.

D.S.

Time-value of Rests

Whole-rest	Half-rest	Quarter-rest	Eighth-rest	Sixteenth-rest
-	-	-	-	-

When a rest occupies the time of more than one measure, the number of measures rested may be indicated by an equal number of whole rests run together, usually with a number over it, or by a heavy single or double stroke with a number over it, thus:



A dot set after a note or rest adds one-half to the time-value of the note or rest: | a second dot further adds half as much as the first one.

Notes								etc.
Rests								

Time-value: Three halves Three quarters Three eighths Three sixteenths Seven quarters Seven eighths Seven sixteenths Seven thirty-seconds

The following abbreviations are used in notation:

written

played

A *slur* indicates that notes are to be played in a smooth and connected manner.



A *tie*, connecting two notes on the same degree, indicates that they are to be played as *one note* having the combined value of both.



If, in a regular rhythm , one or more notes are played before the beats on which they are expected, thus: , they are called *syncopated notes*.

Detached Notes

Staccato

(Detached or separated notes)



Mezzo-staccato

(Half-detached notes)



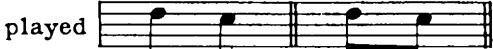
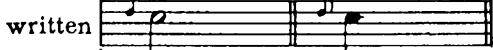
Martellato

(Very short, detached notes)



Grace-notes

A *long appoggiatura* is played like an ordinary note.



A *short appoggiatura* is played very rapidly.



Turn



Trill



Passing Trill, or Inverted Mordent



The Different Species of Time

There are two species of time: common time and triple time. These are subdivided into simple and compound. Simple common time has only two beats or divisions in a measure ($\frac{2}{4}$, $\frac{2}{2}$, $\frac{2}{1}$); simple triple time contains three parts in a measure ($\frac{3}{2}$, $\frac{3}{4}$, $\frac{3}{8}$, etc.). When two or more simple common measures are drawn into one, it is called compound common time. Compound triple time is that in which two or more simple triple measures are drawn into one. Four quarter-notes in a measure ($\frac{4}{4}$) are indicated by **C**, other divisions by $\frac{2}{4}$, $\frac{3}{4}$, etc.

Intervals

The distance in pitch between two tones is termed an interval. There are seven principal intervals.

Tonic or Prime	Second	Third	Fourth	Fifth	Sixth	Seventh	Octave
----------------	--------	-------	--------	-------	-------	---------	--------



The following Italian words are used to point out the degree of slowness or quickness, or the expression of a movement: *Adagio*, slow; *Andante*, not quite so slow; *Allegro*, rapid; *Allegretto*, less rapid; *Presto*, very rapid; *p* (piano), soft; *pp* (pianissimo), very soft; *f* (forte), loud; *ff* (fortissimo), very loud and strong; *diminuendo*, gradually diminishing the tone; *crescendo*, gradually increasing the tone; *decrescendo*, decreasing the tone; *ritardando*, becoming slower, etc.

Whole, Half-and Quarter-notes.

CARL CZERNY. Op. 823, Book I.

1.

2.

p

3.

4.

5.

p

3 2 1 4 2 5 5 4 3 3 4 2 1 2 3 4 4 3 4 5

6. *p*

5. 3 1 2 3 5 3 4 5 1 3 2 1 4 3 2 1 5 3 4 5 1 3 4 5

3 1 2 3 5 3 4 5 1 3 2 1 4 3 2 1 5 3 4 5 1 3 4 5

Allegretto.

7. *p*

3 5 3 1 3 4 3 2 1 2 3 4 5 1 3 4 2 1 3 4 5 1 3 4 5

3 1 2 3 5 3 4 2 1 2 3 4 5 1 3 4 2 1 3 4 5 1 3 4 2 1 3 4 5 1

2 3 4 3 2 1 2 3 4 5 1 3 4 2 1 3 4 5 1 3 4 2 1 3 4 5 1

8. *p dolce*

1 2 3 3 4 5 5 3 3 1 4 2 2 3 4 1 1 3 3 8 5

Sheet music for piano and right hand. The right hand part consists of eighth-note patterns with fingerings: 5-3-1, 2-4-2-1, 3-1, 2-4, 3-5, 2-4, 3-2, 2-4. The left hand part consists of sustained notes with dynamics: $\text{g} \cdot$, $\text{g} \cdot$. Measure 8 ends with a repeat sign.

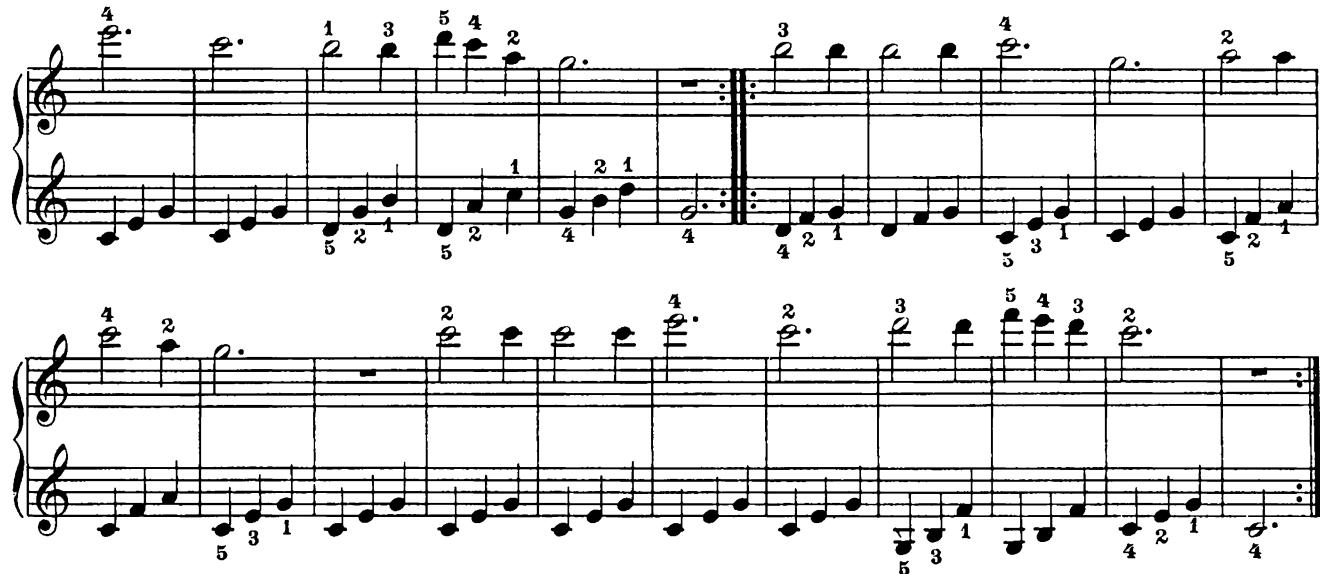
Sheet music for piano and right hand. The right hand part continues with eighth-note patterns: 3-1, 5, 1-3, 5, 3, 4, 2, 1, 5, 3. The left hand part consists of sustained notes with dynamics: $\text{g} \cdot$, $\text{g} \cdot$.

Sheet music for piano and right hand. The right hand part consists of eighth-note patterns: 1-3, 5, 2-3, 5, 2, 1, 1-3, 5, 3. The left hand part consists of sustained notes with dynamics: p , p .

Sheet music for piano and right hand. The right hand part consists of eighth-note patterns: 2-4, 3, 1-3, 5, 3, 5, 4, 2, 2, 2, 3, 1-4. The left hand part consists of sustained notes with dynamics: p , p .

Sheet music for piano and right hand. The right hand part consists of eighth-note patterns: 3-2, 4-1, 3-5, 3, 2, 4-3, 1-5, 3, 2-4. The left hand part consists of sustained notes with dynamics: p , p .

Sheet music for piano and right hand. The right hand part consists of eighth-note patterns: 2-2, 2-1, 2-1, 1-2, 2-2, 2-1, 1-2, 2-2. The left hand part consists of sustained notes with dynamics: p , p . The section begins with the instruction "Allegro."



Eighth - notes, Triplets and Sixteenth - notes
in Common and Triple Time.

11.

12.

13.

p

13.

13.

14.

f

p

p

f

15.

p

12345. 521. 2. 31. 15. 51. 2. 2432. 131.

524. 521. 413. 45. 51. 213.

Vivace.

16.

12345. 15. 135. 4. 15. 1. 532. 4231. 21.

54321. 5. 1. 42. 34543. 25. 24. 1. 2.

17.

p

2. 32. 2. 34543. 25. 24. 1. 2.

2. 32. 2. 34543. 25. 24. 1. 2.

A musical score page for Allegretto, page 18. The top staff shows a treble clef, common time, and a melodic line with various note heads and stroke patterns. The bottom staff shows a bass clef, common time, and a harmonic line with note heads and stroke patterns. The page number '18.' is located on the left side.

Handwritten musical score for the right hand, featuring two staves of five measures each. The top staff uses a treble clef and the bottom staff uses a bass clef. Measures 4-5 show eighth-note patterns with fingerings (4, 5, 3, 1) and slurs. Measure 6 begins with a grace note (3) followed by eighth-note pairs (5, 2). Measure 7 starts with a grace note (5) and ends with a fermata over a grace note (2). Fingerings and slurs are indicated throughout.

Allegro.

Sheet music for piano, page 19, measures 19-20. The music is in common time (indicated by 'C') and treble clef. Measure 19 starts with a dynamic *p*. The melody consists of eighth-note patterns. Measure 20 continues the eighth-note patterns. Fingerings are indicated above the notes: in measure 19, fingers 1, 4, 2, and 5 are used; in measure 20, fingers 3, 2, and 1 are used. Measure numbers 19 and 20 are written on the left side of the page.

A musical score for piano, consisting of two staves. The top staff uses a treble clef, a key signature of one sharp, and a common time signature. It contains a melodic line with grace notes and dynamic markings 'p' (piano) and 'z' (acciaccatura). The bottom staff uses a bass clef, a key signature of one sharp, and a common time signature. It contains a rhythmic pattern of eighth and sixteenth notes.

20.

Fingerings for the first staff:

- Measure 1: 3-1
- Measure 2: 3-1
- Measure 3: 3-1, 3-5
- Measure 4: 3-1, 3-5
- Measure 5: 3-1, 3-5

Fingerings for the second staff:

- Measure 1: 5
- Measure 2: 5
- Measure 3: 1
- Measure 4: 1
- Measure 5: 1, 3-5

Fingerings for the first staff:

- Measure 1: 5-3
- Measure 2: 4-2, 2-1, 4-2
- Measure 3: 5-3
- Measure 4: 4-2, 2-1, 4-2
- Measure 5: 3-1, 5-3
- Measure 6: 5-3
- Measure 7: 5-3
- Measure 8: 5-3

Fingerings for the second staff:

- Measure 1: 1-2, 5
- Measure 2: 1-3, 5
- Measure 3: 1-2, 5
- Measure 4: 1-5
- Measure 5: 1-5
- Measure 6: 1-5
- Measure 7: 1-5
- Measure 8: 1-5

21.

Fingerings for the first staff:

- Measure 1: 5-3
- Measure 2: 4-2
- Measure 3: 4-2, 3-1
- Measure 4: 5-3
- Measure 5: 2
- Measure 6: 1, 3-1

Fingerings for the second staff:

- Measure 1: 1-4
- Measure 2: 1-4
- Measure 3: 1-4
- Measure 4: 1-4
- Measure 5: 1-4
- Measure 6: 1-4
- Measure 7: 1-4
- Measure 8: 1-4

Fingerings for the first staff:

- Measure 1: 4-2
- Measure 2: 3-1, 4-2, 5-3
- Measure 3: 4-2
- Measure 4: 3-1, 5-3
- Measure 5: 5-3
- Measure 6: 2
- Measure 7: 1

Fingerings for the second staff:

- Measure 1: 1-4
- Measure 2: 1-4
- Measure 3: 1-4
- Measure 4: 1-4
- Measure 5: 1-4
- Measure 6: 1-4
- Measure 7: 1-4
- Measure 8: 1-4

Allegro.

22.

Fingerings for the first staff:

- Measure 1: 1-2, 3-5
- Measure 2: 2-1, 4
- Measure 3: 0
- Measure 4: 1-2, 3-5
- Measure 5: 2-1, 4-2, 3-1
- Measure 6: 2

Fingerings for the second staff:

- Measure 1: 3-5
- Measure 2: 2-5
- Measure 3: 3-5
- Measure 4: 2-5
- Measure 5: 1-3, 5
- Measure 6: 3-5

Fingerings for the first staff:

- Measure 1: 5-3
- Measure 2: 5-3, 2-3, 1
- Measure 3: 5-3
- Measure 4: 4-2
- Measure 5: 3-1
- Measure 6: 5-3
- Measure 7: 2

Fingerings for the second staff:

- Measure 1: 1
- Measure 2: 1
- Measure 3: 1
- Measure 4: 1
- Measure 5: 1
- Measure 6: 1
- Measure 7: 1
- Measure 8: 1

Allegretto.

23.

p

Measures 23-25 of the piano score. The right hand part is written above the piano staff. Measure 23 starts with a dynamic *p*. Measures 24 and 25 show various fingerings (e.g., 3, 2, 1; 4, 3, 2; 5, 4, 3) over eighth-note patterns.

Moderato.

24.

p dolce

Measures 24-26 of the piano score. The right hand part is written above the piano staff. Measure 24 starts with a dynamic *p dolce*. Measures 25 and 26 show various fingerings (e.g., 4, 3, 2; 5, 4, 3; 2, 1, 3, 2, 1) over eighth-note patterns.

Allegro vivace.

28.

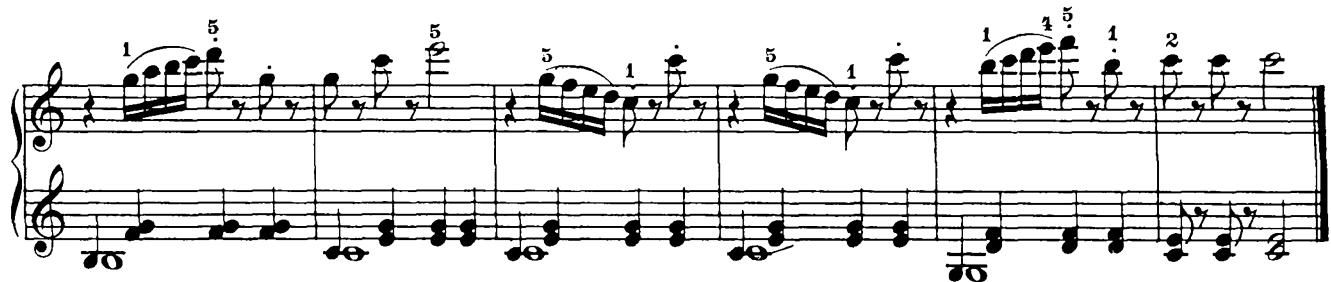
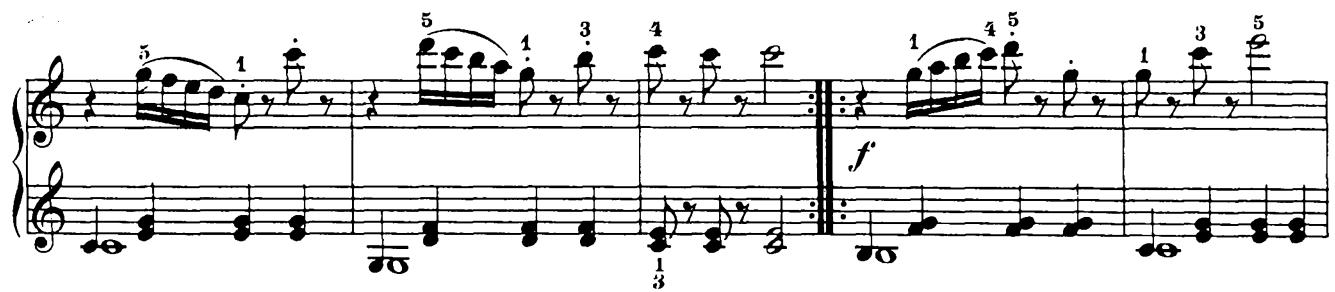
Rests.

Allegretto.

29.

Allegro vivace.

30.



Allegretto vivace. 5

31.

Sheet music for piano, page 18, measures 19-23. The music is in common time. The left hand plays sustained notes on the first and fifth fingers. The right hand plays sixteenth-note patterns. Measure 19: Right hand 2, 3, 1, 2, 3, 4. Measure 20: Right hand 1, 3, 1, 4. Measure 21: Right hand 1, 3, 1, 4. Measure 22: Right hand 5, 3, 1, 4, 2. Measure 23: Right hand 1, 2, 4, 2.

Sheet music for piano, page 18, measures 24-28. The music is in common time. The left hand plays sustained notes on the first and fifth fingers. The right hand plays sixteenth-note patterns. Measure 24: Right hand 5, 4, 3, 2, 1, 3, 2, 1. Measure 25: Right hand 5, 4, 3, 2, 1, 3, 2, 1. Measure 26: Right hand 1, 3, 5. Measure 27: Right hand 1, 2, 4, 2. Measure 28: Right hand 1, 2, 4, 2.

Sheet music for piano, page 18, measures 29-33. The music is in common time. The left hand plays sustained notes on the first and fifth fingers. The right hand plays sixteenth-note patterns. Measure 29: Right hand 4, 2. Measure 30: Right hand 4, 2, 3, 1. Measure 31: Right hand 4, 2, 3, 1. Measure 32: Right hand 1, 2, 4, 2. Measure 33: Right hand 1, 2, 4, 2.

Sheet music for piano, page 18, measures 34-38. The music is in common time. The left hand plays sustained notes on the first and fifth fingers. The right hand plays sixteenth-note patterns. Measure 34: Right hand 3, 1, 3, 1, 4, 5. Measure 35: Right hand 1, 3, 1, 4, 5. Measure 36: Right hand 1, 2, 4, 2, 1. Measure 37: Right hand 2, 4, 2, 1. Measure 38: Right hand 1, 3, 1, 4, 5.

Sheet music for piano, page 33, Allegretto vivace. The music consists of eight staves of musical notation. The first staff begins with a dynamic of *p dolce*. The notation includes various hand positions indicated by numbers (1, 2, 3, 4, 5) above the notes. The music features a mix of eighth and sixteenth-note patterns, with some measures containing rests. The dynamics change frequently, with *p* and *f* being prominent. The tempo is marked as Allegretto vivace.

The image shows a page of sheet music for piano, labeled "Allegro." The page number is 34. The music is in common time (indicated by a "4" with a vertical line through it) and consists of two staves. The top staff is for the right hand (treble clef) and the bottom staff is for the left hand (bass clef). Fingerings are indicated above the notes in the right-hand part, such as "5 1", "2 1", "5 1", "1", "5 1", "4 2", and "3 1". The left-hand part features eighth-note patterns with fingerings like "5 4", "3 2 1", "2 3 4", "5", and "5". The music is dynamic and rhythmic, typical of a piano concerto movement.



Allegretto vivace.

35.

Piano sheet music showing five staves of music. Measures 35-37 are in 3/4 time (indicated by '3/4') and measure 38 is in 2/4 time (indicated by '2/4'). Measures 35-37 show eighth-note patterns with fingerings like 5, 3, 2, 1; 2, 1, 2, 2; and 4, 3, 1, 2, 3, 1, 2, 1. Measure 38 shows eighth-note chords. Measure 39 starts with a treble clef and shows eighth-note patterns with fingerings like 5, 3, 2, 1; 2, 1, 2, 1; and 2, 1, 5, 3. Measure 40 starts with a bass clef and shows eighth-note patterns with fingerings like 3, 2, 1, 2, 1; 5, 3, 2, 1; and 3, 2, 1, 2, 1.

Allegretto.

36.

p

Exercises with ♯ ♯ and ♮.

37.

p

cresc.

38.

p dolce

cresc.

f

p

cresc.

Sheet music for piano, page 39, Allegro moderato.

The music consists of six staves of piano notation. The top two staves show a treble clef and a bass clef. The third staff is labeled "39." and has a dynamic "p". The fourth staff begins with a dynamic "f". The fifth staff has a dynamic "cresc.". The sixth staff ends with a dynamic "f". The music features various note heads with fingerings such as 1, 2, 3, 4, and 5, and includes slurs and grace notes. The tempo is Allegro moderato.

Allegretto.

40. *p*

The sheet music contains eight staves of musical notation for piano, labeled "40." at the beginning. The tempo is indicated as "Allegretto." Fingerings are shown above the notes in various staves, such as "5 4 5 3" and "2 3 4 5 4 2" in the first staff. Dynamics like "p" (piano) and "f" (forte) are also present. The music includes a variety of note values and rests, typical of a piano piece.

The Bass Notes.

Moderato.

41.

Allegro moderato.

42.

Moderato.

43.

5 5 4 3 2 3 4 2 5 5 4 3 2 3 4 2

Allegro animato.

44.

2 1 2 4 3 2 1 2 3 1 3 5

4 3 2 1 2 1 #2 1 4 1 3 5 2 3

2 5 4 4 5 . 5 . 5 1 5 2 3 2 1 3 2

5 3 2 1 1 5 4 5 3 1 2 4 1 2 4 f

5 3 1 2 4 2 1 2 4 2 5 4 2 3 1 5 3 2 1 2 3 2 1

The Twelve Major and Twelve Minor Scales

C major.

Sheet music for C major, featuring two staves: treble and bass. The treble staff has a key signature of one sharp (F#) and a common time signature. The bass staff has a key signature of none (C). Fingerings are indicated above the notes: 3 1, 4 1, 3 1, 5 4, 5, 1 3, 1 4, 1 3, 4, 1 3, 4. Measure numbers 1 through 5 are marked below the staves.

C minor.

Sheet music for C minor, featuring two staves: treble and bass. The treble staff has a key signature of one flat (B-flat) and a common time signature. The bass staff has a key signature of one flat (B-flat). Fingerings are indicated above the notes: 3 1, 4 1, 3 1, 5, 1 3, 1 4, 1 3, 4 1, 1 3, 4. Measure numbers 1 through 5 are marked below the staves.

G major.

Sheet music for G major, featuring two staves: treble and bass. The treble staff has a key signature of one sharp (F#) and a common time signature. The bass staff has a key signature of one sharp (F#). Fingerings are indicated above the notes: 1 3, 1, 4 1, 3 1, 5, 3 1, 3 1, 1 3, 1 4, 4 3, 1. Measure numbers 1 through 5 are marked below the staves.

G minor.

Sheet music for G minor, featuring two staves: treble and bass. The treble staff has a key signature of one flat (B-flat) and a common time signature. The bass staff has a key signature of one flat (B-flat). Fingerings are indicated above the notes: 1 3, 1, 4 1, 3 1, 5, 1 3, 1, 4 1, 3 1, 4 3, 1. Measure numbers 1 through 5 are marked below the staves.

D major.

Sheet music for D major, featuring two staves: treble and bass. The treble staff has a key signature of one sharp (F#) and a common time signature. The bass staff has a key signature of one sharp (F#). Fingerings are indicated above the notes: 4 1, 3 1, 4 1, 3 1, 5, 1 4, 1 3, 1, 3 1, 4 1, 1 3, 1. Measure numbers 1 through 5 are marked below the staves.

D minor.

Sheet music for D minor, featuring two staves: treble and bass. The treble staff has a key signature of one flat (B-flat) and a common time signature. The bass staff has a key signature of one flat (B-flat). Fingerings are indicated above the notes: 1 3, 1, 4 1, 3 1, 5, 1 3, 1, 4 1, 3 1, 4 1, 1 3, 1. Measure numbers 1 through 5 are marked below the staves.

A minor.

Sheet music for piano in A minor, featuring two staves. The top staff shows a melodic line with various fingerings (1, 3, 4, 5) and dynamic markings. The bottom staff provides harmonic support with sustained notes and chords. The piece concludes with a final dynamic marking.

A musical score for piano in B minor. The top staff shows a melodic line with various fingerings: 1, 2, 3, 4; 3, 4; 5; 1, 3, 1; 4; 1, 3, 1. The bottom staff shows a bass line with fingerings: 3, 1, 4; 1; 4; 1, 3, 1; 4, 1; 1. The music is in common time.

F# major.

A musical score for two staves (treble and bass) in common time. The key signature is F# major (one sharp). The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (3 1), measure 2 (2 3 4 1), measure 3 (3 4 5 4), measure 4 (5 4 3), measure 5 (1 4), and measure 6 (1 3). Measure 6 ends with a repeat sign and a double bar line.

F# minor.

A musical score for two staves (treble and bass) in common time. The key signature is F# minor (no sharps or flats). The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (4 1 2 1), measure 2 (3 1 3), measure 3 (4 1 3), measure 4 (1 3 2), measure 5 (1 3 1), and measure 6 (1). Measure 6 ends with a repeat sign and a double bar line.

D♭ major.

A musical score for two staves (treble and bass) in common time. The key signature is D♭ major (two flats). The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (2 3 1), measure 2 (3 1), measure 3 (4 1 2 1), measure 4 (2 1 4), measure 5 (1 3), and measure 6 (1 4). Measure 6 ends with a repeat sign and a double bar line.

C♯ minor.

A musical score for two staves (treble and bass) in common time. The key signature is C♯ minor (two sharps). The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (2 3 1), measure 2 (3 1), measure 3 (4 1 2 1), measure 4 (3 1 3), measure 5 (1 4), and measure 6 (1 3 4 3). Measure 6 ends with a repeat sign and a double bar line.

A♭ major.

A musical score for two staves (treble and bass) in common time. The key signature is A♭ major (three flats). The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (2 3 1), measure 2 (3 1), measure 3 (4 1 3), measure 4 (1 3), measure 5 (1 4), and measure 6 (1 3). Measure 6 ends with a repeat sign and a double bar line.

A♭ minor.

A musical score for two staves (treble and bass) in common time. The key signature is A♭ minor (three flats). The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (2 3 1), measure 2 (3 1), measure 3 (4 1 3), measure 4 (1), measure 5 (3 1 3), measure 6 (1 4), and measure 7 (1 3). Measure 7 ends with a repeat sign and a double bar line.

E♭ major.

A musical score for piano in E♭ major. The top staff is treble clef, and the bottom staff is bass clef. Both staves have a key signature of one flat. The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (treble) has 2 1, 4 1, 3; measure 2 has 1 4; measure 3 has 1 2 1; measure 4 has 2 1; measure 5 has 4 1, 3; measure 6 has 1 4. Measure 6 ends with a repeat sign and a double bar line.

2 1 4 1 3
1 4
1 2 1
2 1
4 1 3
1 4

E♭ minor.

A musical score for piano in E♭ minor. The top staff is treble clef, and the bottom staff is bass clef. Both staves have a key signature of one flat. The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (treble) has 2 1 4 1 3; measure 2 has 1 4; measure 3 has 1 3 2 3; measure 4 has 2 3 1; measure 5 has 4 1; measure 6 has 3 1. Measure 6 ends with a repeat sign and a double bar line.

2 1 4 1 3
1 4
1 3 2 3
2 3 1
4 1
3 1

B♭ major.

A musical score for piano in B♭ major. The top staff is treble clef, and the bottom staff is bass clef. Both staves have a key signature of two flats. The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (treble) has 2 4 3 1; measure 2 has 1 4; measure 3 has 1 2 1; measure 4 has 2 1; measure 5 has 3 1; measure 6 has 4 1. Measure 6 ends with a repeat sign and a double bar line.

2 4 3 1
1 4
1 2 1
2 1
3 1
4 1

B♭ minor.

A musical score for piano in B♭ minor. The top staff is treble clef, and the bottom staff is bass clef. Both staves have a key signature of two flats. The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (treble) has 2 1 3 1; measure 2 has 1 4; measure 3 has 1 3 2; measure 4 has 2 1; measure 5 has 3 1; measure 6 has 4 1. Measure 6 ends with a repeat sign and a double bar line.

2 1 3 1
1 4
1 3 2
2 1
3 1
4 1

F major.

A musical score for piano in F major. The top staff is treble clef, and the bottom staff is bass clef. Both staves have a key signature of one flat. The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (treble) has 3 1; measure 2 has 1 4; measure 3 has 3; measure 4 has 1 3; measure 5 has 4 1; measure 6 has 3 1. Measure 6 ends with a repeat sign and a double bar line.

3 1
1 4
3
1 3
4 1
3 1

F minor.

A musical score for piano in F minor. The top staff is treble clef, and the bottom staff is bass clef. Both staves have a key signature of one flat. The music consists of six measures of eighth-note patterns. Fingerings are indicated above the notes: measure 1 (treble) has 4 1 3 1; measure 2 has 1 4; measure 3 has 3; measure 4 has 1 3 1; measure 5 has 4 1; measure 6 has 3 1. Measure 6 ends with a repeat sign and a double bar line.

4 1 3 1
1 4
3
1 3 1
4 1
3 1

Exercises in Different Keys.

CARL CZERNY. Op. 823. Book II.

Allegretto.

45.

Allegro moderato.

46.

p dolce

cresc.

f

Allegretto vivace.

47.

f

Allegro.

48.

p

3 2 1
cresc.
f
2 4

This block contains three staves of piano music. The top staff shows a treble clef, a key signature of one flat, and a tempo marking of 'cresc.'. The middle staff shows a bass clef. The bottom staff shows a bass clef. Measure 38 starts with a sixteenth-note pattern. Measure 39 begins with a forte dynamic 'f'. Measure 40 ends with a half note.

2 3 2 3 2 1 2
2 1 3 5
p

This block contains three staves of piano music. The top staff shows a treble clef. The middle staff shows a bass clef. The bottom staff shows a bass clef. Measure 41 features a sixteenth-note pattern with a 'p' dynamic. Measures 42 and 43 continue the sixteenth-note patterns.

3 2 1 3 2 1 4
5 1 2 1
1 2 5 4 2
2 4 3 5 2 1 2 1

This block contains three staves of piano music. The top staff shows a treble clef. The middle staff shows a bass clef. The bottom staff shows a bass clef. Measures 44-46 show a sixteenth-note pattern with various fingerings indicated above the notes.

Allegro vivace.

5

49. p dolce

This block contains three staves of piano music. The top staff shows a treble clef. The middle staff shows a bass clef. The bottom staff shows a bass clef. Measure 47 starts with a dynamic 'p dolce' and a tempo marking of 'Allegro vivace.' followed by a '5' above the staff.

4 2 1 2
3
2
5

This block contains three staves of piano music. The top staff shows a treble clef. The middle staff shows a bass clef. The bottom staff shows a bass clef. Measures 48-50 show a sixteenth-note pattern with various fingerings indicated above the notes.

4 2
3 1
2
5 2
4 1 2
3 1
3
2 1

This block contains three staves of piano music. The top staff shows a treble clef. The middle staff shows a bass clef. The bottom staff shows a bass clef. Measures 51-53 show a sixteenth-note pattern with various fingerings indicated above the notes.

p
f

This block contains three staves of piano music. The top staff shows a treble clef. The middle staff shows a bass clef. The bottom staff shows a bass clef. Measures 54-56 show a sixteenth-note pattern with a dynamic 'p' and a forte dynamic 'f'.

Allegro vivace.

Allegro vivace.

50.

p

cresc.

f

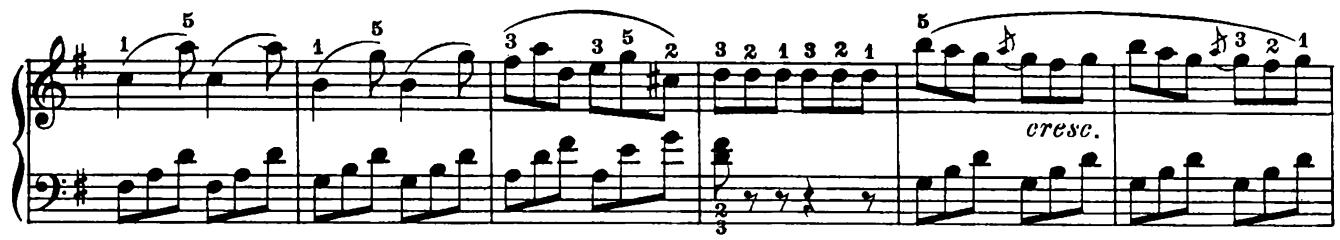
p

cresc.

f

Allegro.

Musical score for piano, page 51, measures 51-52. The score consists of two staves. The top staff is in G major, 6/8 time, with dynamics *p* and 5. The bottom staff is in G major, 6/8 time. Measure 51 starts with a forte dynamic. Measure 52 begins with a piano dynamic.



Allegretto.

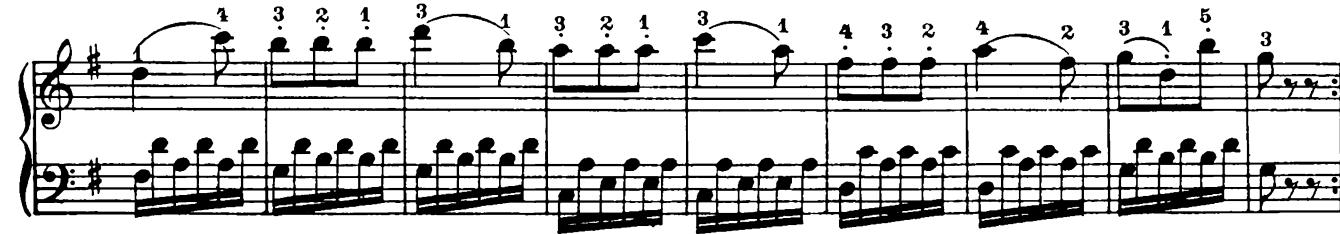
Sheet music for piano, measures 52-53. The music is in common time with one sharp. The right hand starts with a dynamic of *p dolce* and plays eighth-note patterns with fingerings such as 2 5 4 2 4, 3 2, 2 5 4 2 4, 3 2, 1 5, and 5 3 4 2 1. The left hand provides harmonic support.



Appoggiaturas and other Grace-notes.

Vivace.

Sheet music for piano, measures 56-57. The music is in common time with one sharp. The right hand plays eighth-note patterns with fingerings like 2 3 1, 3, 2 3 1, 3, 2 3 1, 2, 1, 3, 1, 3, 1, 2, and 3. The left hand provides harmonic support.



Measures 51-53 (continued from previous page):

 Measure 51: Left hand eighth-note chords (e.g., G-B-D-G), right hand sixteenth-note pattern. Fingerings: 1 2 1, 5 2 1, 2 1 2, 2 1 2.

 Measure 52: Left hand eighth-note chords (e.g., G-B-D-G), right hand sixteenth-note pattern. Fingerings: 1 2 1, 5 2 1, 2 1 2, 2 1 2.

 Measure 53: Left hand eighth-note chords (e.g., G-B-D-G), right hand sixteenth-note pattern. Fingerings: 1 2 1, 5 2 1, 2 1 2, 2 1 2.

Allegretto vivace.

Measure 54 (continued from previous page):

 Left hand eighth-note chords (e.g., G-B-D-G), right hand sixteenth-note pattern. Fingerings: 3 4 3 2 3 5 3, 2 4 3 2 1 3 4, 3 3 1 3 2 1 3 4, 5 3 2 1 3 4.

 Measure 55 (continued from previous page):

 Left hand eighth-note chords (e.g., G-B-D-G), right hand sixteenth-note pattern. Fingerings: 5 1 3 2 1 4, 3 2 1 4, 5 3 2 1 4, 3 2 1 4.

A page of sheet music for piano, featuring five staves of musical notation. The music is in common time and consists of measures 36 through 41. The key signature is one sharp. Fingerings are indicated above the notes, and dynamic markings include *f*, *fp*, *pp*, and *cresc.*. Measure 36 starts with a treble clef and a bass clef, followed by a treble clef. Measures 37-41 switch between treble and bass clefs. The music includes various note values such as eighth and sixteenth notes, and rests. Measure 41 concludes with a forte dynamic (*ff*).

Andante sostenuto.

55.

p dolce

cresc.

f dim.

dolce

cresc.

dim.

p

cresc.

f

Allegretto vivace.

p cresc.

Andantino

57.

p dolce

cresc.

f

p

Allegro.

58.

The music is in 2/4 time, B-flat major. The first staff shows a treble clef and a bass clef, with a dynamic of *p*. Fingerings above the notes include 1 2 3 4 5 4 3 4, 5 3 2, 4 3 >, and 1 3 # 2 3 4 3 2 3. The second staff shows a bass clef with a dynamic of *p*. The third staff shows a treble clef with a dynamic of *cresc.* and a bass clef with a dynamic of *f*. Fingerings include 4 3 2, 4 3 2, 5, 1 3 1, 1 2 1, 5 3 5, 1 4, 3 4 2. The fourth staff shows a treble clef and a bass clef with a dynamic of *f*. Fingerings include 3 1, 4 1, 5 3 1, 1 3 1, 2 3 1 2 1 4 1, 3 2 >, 3 2 >. The fifth staff shows a treble clef and a bass clef with a dynamic of *dim.* Fingerings include 5, 1 3, 2 1 3 1 2 1 4 1, 3 5. The sixth staff shows a treble clef and a bass clef with a dynamic of *p*. Fingerings include 5 3 2 >, 4 3 2 >, 3 2 3, 4 3 2 >, 5 3 2 >, 1 4, 3 4 2. The seventh staff shows a treble clef and a bass clef with a dynamic of *cresc.* Fingerings include 1 2 3 4 5 4 3 4, 3 2 3, 4 3 2 1, 1 3 1, 2 3 1 2 1 4 1, 3 5. The eighth staff shows a treble clef and a bass clef with a dynamic of *f*. Fingerings include 1 2 3 4 5 4 3 4, 3 2 3, 4 3 2 1, 1 3 1, 2 3 1 2 1 4 1, 3 5.

Allegro vivace.

The image shows a page of sheet music for piano, numbered 59. The music is arranged in five staves. The top staff uses a treble clef and has a dynamic marking of *p*. The second staff uses a bass clef. The third staff uses a treble clef. The fourth staff uses a bass clef. The fifth staff uses a treble clef. Fingerings are indicated above the notes in many measures. The music includes various dynamics such as *cresc.*, *f*, and *ff*. The tempo is indicated by a '♩' with a '4' below it.

Continuation of the Exercises in Different Keys.

B flat major has a ♯ on B and E.

The image shows a page of sheet music for piano, page 60. The music is in common time and consists of eight staves of musical notation. The first staff begins with a dynamic of *p dolce*. Fingerings are indicated above the notes in each measure. The second staff starts with a dynamic of *cresc.* The third staff begins with a dynamic of *sf*, followed by *p*. The fourth staff begins with a dynamic of *cresc.* The fifth staff begins with a dynamic of *f*, followed by *dim.* The sixth staff begins with a dynamic of *dolce*. The seventh staff begins with a dynamic of *cresc.* The eighth staff begins with a dynamic of *f dim.*, followed by *p*.

E flat major has a \flat on B, E and A.

Allegro non troppo.

61.

Piano sheet music in E-flat major (three flats). The music consists of eight staves of music, each with a treble clef and a bass clef. The key signature is three flats. The tempo is Allegro non troppo. Measure 61 starts with a dynamic *p*. The right hand plays eighth-note patterns with fingerings such as 2 4, 1 4, 5, 2 3, 2, 1, and 3 2 1. The left hand provides harmonic support with sustained notes and eighth-note chords. Measures 62 through 69 continue this pattern, with dynamics including *cresc.*, *f*, and *p*. Measure 70 begins with a dynamic *p* and features a more complex eighth-note pattern in the right hand. Measures 71 through 78 show further variations of these patterns, with dynamics including *f* and *cresc.*. The music concludes with a final section of eighth-note patterns in measures 79 through 86, ending with a final dynamic marking.

The Trill.

Allegretto.

62.

Allegretto. Tempo di Valse.

63.

Fine.

Trio.



Musical score page 45, measures 59-64. The top staff is treble clef, 2/4 time, dynamic *f*. The bottom staff is bass clef, 2/4 time, dynamic *f*. Fingerings are indicated above the notes: 2 1, 2 1; 1 2; 1 5, 4 1; 2 1, 2 1; 3 1, 2 1. Measure 64 ends with the instruction *Allegretto D. C. sin' al Fine.*

Allegro risoluto.

64. Allegro risoluto. The top staff is treble clef, common time, dynamic *f*. The bottom staff is bass clef, common time, dynamic *f*. Fingerings are indicated above the notes: 5, 1 3, 1 4; 2 1; 5, 1 3, 1 4; 3 1. Measure 64 ends with a fermata over the bass note.

The top staff is treble clef, common time, dynamic *f*. The bottom staff is bass clef, common time, dynamic *f*. Fingerings are indicated above the notes: 3, 1 3, 1 4; 5; 3, 2; 5. The instruction *dolce* is written above the treble staff.

The top staff is treble clef, common time, dynamic *f*. The bottom staff is bass clef, common time, dynamic *f*. Fingerings are indicated above the notes: 3, 2; 5; 3, 4, 1 3; 2; 3, 4, 1 3; 2. The instruction *cresc.* is written below the treble staff.

The top staff is treble clef, common time, dynamic *f*. The bottom staff is bass clef, common time, dynamic *f*. Fingerings are indicated above the notes: 1 3, 3; 5, 1 4, 1 3; 3, 2. The section concludes with a final dynamic *f*.

A major has a ♯ on F, C and G.

Allegro vivace.

65.

c

Sheet music for piano, 2 staves, G major (2 sharps), Common Time.

Fingerings:

- M1: L1, R2
- M2: L1, R2
- M3: L1, R2
- M4: L1, R2
- M5: L1, R2
- M6: L1, R2
- M7: L1, R2
- M8: L1, R2
- M9: L1, R2
- M10: L1, R2
- M11: L1, R2
- M12: L1, R2
- M13: L1, R2
- M14: L1, R2
- M15: L1, R2
- M16: L1, R2
- M17: L1, R2
- M18: L1, R2
- M19: L1, R2
- M20: L1, R2
- M21: L1, R2
- M22: L1, R2
- M23: L1, R2
- M24: L1, R2
- M25: L1, R2
- M26: L1, R2
- M27: L1, R2
- M28: L1, R2
- M29: L1, R2
- M30: L1, R2
- M31: L1, R2
- M32: L1, R2
- M33: L1, R2
- M34: L1, R2
- M35: L1, R2
- M36: L1, R2
- M37: L1, R2
- M38: L1, R2
- M39: L1, R2
- M40: L1, R2
- M41: L1, R2
- M42: L1, R2
- M43: L1, R2
- M44: L1, R2
- M45: L1, R2
- M46: L1, R2
- M47: L1, R2
- M48: L1, R2
- M49: L1, R2
- M50: L1, R2
- M51: L1, R2
- M52: L1, R2
- M53: L1, R2
- M54: L1, R2
- M55: L1, R2
- M56: L1, R2
- M57: L1, R2
- M58: L1, R2
- M59: L1, R2
- M60: L1, R2
- M61: L1, R2
- M62: L1, R2
- M63: L1, R2
- M64: L1, R2
- M65: L1, R2
- M66: L1, R2
- M67: L1, R2
- M68: L1, R2
- M69: L1, R2
- M70: L1, R2
- M71: L1, R2
- M72: L1, R2
- M73: L1, R2
- M74: L1, R2
- M75: L1, R2
- M76: L1, R2
- M77: L1, R2
- M78: L1, R2
- M79: L1, R2
- M80: L1, R2
- M81: L1, R2
- M82: L1, R2
- M83: L1, R2
- M84: L1, R2
- M85: L1, R2
- M86: L1, R2
- M87: L1, R2
- M88: L1, R2
- M89: L1, R2
- M90: L1, R2
- M91: L1, R2
- M92: L1, R2
- M93: L1, R2
- M94: L1, R2
- M95: L1, R2
- M96: L1, R2
- M97: L1, R2
- M98: L1, R2
- M99: L1, R2
- M100: L1, R2

Dynamics:

- f (Measure 1)
- p (Measure 18)
- cresc. (Measure 54)
- f (Measure 64)

Measure numbers:

- M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29, M30, M31, M32, M33, M34, M35, M36, M37, M38, M39, M40, M41, M42, M43, M44, M45, M46, M47, M48, M49, M50, M51, M52, M53, M54, M55, M56, M57, M58, M59, M60, M61, M62, M63, M64, M65, M66, M67, M68, M69, M70, M71, M72, M73, M74, M75, M76, M77, M78, M79, M80, M81, M82, M83, M84, M85, M86, M87, M88, M89, M90, M91, M92, M93, M94, M95, M96, M97, M98, M99, M100

Allegretto moderato. Tempo di Polacca.

66.

p dolce

cresc.

p

cresc.

8

f

p

Fine.

p

cresc.

f

ff

dim.

D. C. sin al Fine.

E major has a ♯ on F, C, G and D.

Allegro. Tempo di Valse.

The sheet music consists of ten staves of piano music. The first two staves are in E major (no sharps or flats). The third staff begins with a key signature of three sharps. The fourth staff returns to no sharps or flats. The fifth staff begins with a key signature of two sharps. The sixth staff returns to no sharps or flats. The seventh staff begins with a key signature of one sharp. The eighth staff returns to no sharps or flats. The ninth staff begins with a key signature of two sharps. The tenth staff concludes the piece. Fingerings are indicated above the notes in many measures, such as '1 2' or '3 4'. Dynamics like 'p' (piano) and 'f' (forte) are also present. The music is labeled 'Allegro. Tempo di Valse.'

Allegretto.

Exercise in Thirds.

68.

f

Mazurka.

Allegretto

69

p dolce

A flat Major has a ♯ on B, E, A and D.

Andantino.

70.

Piano sheet music with two staves, treble and bass, in 2/4 time and B-flat major. The music consists of six systems, each starting with a dynamic instruction:

- System 1: *tr*
- System 2: *cresc.*
- System 3: *f*
- System 4: *tr*
- System 5: *dim.* *ritard.*
- System 6: *a tempo* *p* *tr*

Fingerings are indicated above the notes, such as 1, 2, 3, 4, 5, and combinations like 12, 23, 34, etc. Articulation marks like *tr* (trill), *cresc.* (crescendo), *f* (fortissimo), *dim.* (diminuendo), *ritard.* (ritardando), *a tempo*, and *p* (pianissimo) are also present. The bass staff includes several bass clef changes throughout the piece.

8

8

Allegretto. Tempo di Valse.

71.

Rondino.

Allegretto moderato.

72.

p dolce

cresc.

p

p

cresc.

f

The sheet music contains eight staves of musical notation for piano. The first staff begins with a dynamic of *p dolce*. The second staff starts with a dynamic of *p*, followed by *p* again. The third staff begins with a dynamic of *cresc.*. The fourth staff starts with a dynamic of *p*, followed by *p* again. The fifth staff begins with a dynamic of *cresc.*. The sixth staff starts with a dynamic of *f*. The seventh staff begins with a dynamic of *f*, followed by *f* again. The eighth staff begins with a dynamic of *f*, followed by *f* again. Various fingerings are indicated above the notes throughout the piece.

A page of sheet music for piano, consisting of six staves of musical notation. The music is in common time and uses a treble clef for the top two staves and a bass clef for the bottom two staves. The key signature is A major (three sharps). Fingerings are indicated above the notes, such as '5 4' over a sixteenth-note cluster in the first measure. Dynamics include a forte dynamic 'f' in the second measure and a piano dynamic 'p dolce' in the eighth measure. Measure numbers 1 through 8 are present above the staves. The music features various note values including sixteenth and thirty-second notes, and rests.

The image shows six staves of musical notation for piano, arranged vertically. The top two staves are in treble clef, and the bottom four are in bass clef. The key signature is A major (three sharps). The notation includes various note values, rests, and dynamic markings such as 'cresc.', 'p', and 'ff'. Fingerings are indicated above the notes in some staves. The music consists of six measures per staff, with measure numbers 5 through 10 visible at the beginning of each staff.

Crossing the Hands.

Allegretto vivace.

73.

m.s.