

25

$$\frac{3}{2} \cdot \frac{3}{1}$$

$$\frac{3}{1} \cdot \frac{4}{1}$$

$$\frac{0}{1} \cdot \frac{5}{4}$$

$$\frac{5}{4} \cdot \frac{15}{8}$$

$$\frac{15}{8} \cdot \frac{25}{8}$$

$$\frac{25}{8} \cdot \frac{35}{8}$$

$\frac{5}{4}$ **B** Scene II/a

$\frac{5}{8}$

$\frac{5}{4}$

Vn. $\frac{13}{8}$ *fp*

31

$$\frac{35}{8} \cdot \frac{47}{8}$$

$$\frac{47}{8} \cdot \frac{7}{1}$$

$$\frac{7}{1} \cdot \frac{15}{2}$$

$$\frac{15}{2} \cdot \frac{9}{1}$$

$$\frac{9}{1} \cdot \frac{10}{1}$$

$$\frac{10}{1} \cdot \frac{21}{2}$$

$$\frac{21}{2} \cdot \frac{47}{4}$$

$\frac{6}{4}$

$\frac{9}{8}$

$\frac{2}{4}$

$\frac{6}{4}$

$\frac{4}{4}$

$\frac{2}{4}$

$\frac{5}{4}$

Vn. $\frac{13}{8}$ *fp* $\frac{13}{8}$ *fp*

♩ = 48

$$\frac{47}{4} : \frac{49}{4}$$

$$\frac{49}{4} : \frac{107}{8}$$

$$\frac{107}{8} : \frac{111}{8}$$

$$\frac{111}{8} : \frac{115}{8}$$

$$\frac{0}{1} : \frac{1}{1}$$

$$\frac{1}{1} : \frac{13}{8}$$

$$\frac{13}{8} : \frac{17}{8}$$

$$\frac{17}{8} : \frac{23}{8}$$

38

$\frac{2}{4}$

$\frac{9}{8}$

$\frac{2}{4}$

$\frac{4}{4}$

C

Scene II/b

$\frac{5}{8}$

$\frac{2}{4}$

$\frac{6}{8}$

Vn.

$\frac{13}{8}$

Violin section score for measures 38-41. The score is written for three staves (Violin I, Violin II, and Viola) in 13/8 time. The key signature is one flat (B-flat). The dynamics are *fp* (fortissimo piano) and *ppp* (pianissimo). The notes are marked with red dots.

Continuation of the Violin section score for measures 42-45. The score is written for three staves (Violin I, Violin II, and Viola) in 13/8 time. The key signature is one flat (B-flat). The dynamics are *fp* (fortissimo piano). The notes are marked with red dots. A red line is drawn under the notes in measure 45, with the ratio 13:12 indicated below it.

$$\frac{23}{8} : \frac{33}{8}$$

$$\frac{33}{8} : \frac{45}{8}$$

$$\frac{45}{8} : \frac{49}{8}$$

$$\frac{49}{8} : \frac{53}{8}$$

$$\frac{53}{8} : \frac{31}{4}$$

$$\frac{31}{4} : \frac{35}{4}$$

$$\frac{35}{4} : \frac{37}{4}$$

5
4

6
4

2
4

8

4
4

2
4

Score for Vn., Vc., Fl., Ob., Bass cl., and Bar. sax. The score is divided into measures corresponding to the time signatures above.

Vn. (Violin): Measures 1-2: *ppp*. Measures 3-4: *fp* (first measure), *ppp* (second measure). Measures 5-6: *fp* (first measure), *ppp* (second measure). Measures 7-8: *fp* (first measure), *ppp* (second measure). A 9:8 ratio is indicated between measures 7 and 8.

Vc. (Viola): Measures 1-2: *ppp*. Measures 3-4: *fp* (first measure), *ppp* (second measure). Measures 5-6: *fp* (first measure), *ppp* (second measure). Measures 7-8: *fp* (first measure), *ppp* (second measure). A 9:8 ratio is indicated between measures 3 and 4.

Fl. (Flute): Measures 1-2: *ppp*. Measures 3-4: *fp* (first measure), *ppp* (second measure). Measures 5-6: *fp* (first measure), *ppp* (second measure). Measures 7-8: *fp* (first measure), *ppp* (second measure).

Ob. (Oboe): Measures 1-2: *ppp*. Measures 3-4: *fp* (first measure), *ppp* (second measure). Measures 5-6: *fp* (first measure), *ppp* (second measure). Measures 7-8: *fp* (first measure), *ppp* (second measure).

Bass cl. (Bass Clarinet): Measures 1-2: *ppp*. Measures 3-4: *fp* (first measure), *ppp* (second measure). Measures 5-6: *fp* (first measure), *ppp* (second measure). Measures 7-8: *fp* (first measure), *ppp* (second measure).

Bar. sax. (Baritone Saxophone): Measures 1-2: *ppp*. Measures 3-4: *fp* (first measure), *ppp* (second measure). Measures 5-6: *fp* (first measure), *ppp* (second measure). Measures 7-8: *fp* (first measure), *ppp* (second measure). A 9:8 ratio is indicated between measures 3 and 4.

♩ = 72

53

$$\frac{37}{4} : \frac{79}{8}$$

$$\frac{0}{1} : \frac{3}{2}$$

$$\frac{3}{2} : \frac{17}{8}$$

$$\frac{17}{8} : \frac{25}{8}$$

$$\frac{25}{8} : \frac{31}{8}$$

$$\frac{31}{8} : \frac{35}{8}$$

$$\frac{35}{8} : \frac{45}{8}$$

5

6

D

Scene III

5

4

3

2

5

Score for Scene III, measures 53-58. The score is written for six staves: Vn. (Violin), Vc. (Viola), Fl. (Flute), Ob. (Oboe), Bass cl. (Bass Clarinet), and Bar. sax. (Baritone Saxophone). The key signature is D major (one sharp). The tempo is marked ♩ = 72. The score is divided into measures by vertical bar lines. The measures are numbered 53, 54, 55, 56, 57, and 58. The staves are labeled on the left: Vn., Vc., Fl., Ob., Bass cl., and Bar. sax. The score includes various musical notations such as notes, rests, dynamics (mp, fp, p, ppp, mf), and articulation marks. The measures are grouped by a large bracket on the left, indicating they are part of a single section. The score is written in a standard musical notation style, with notes and rests clearly visible on each staff. The dynamics and articulation marks are placed below the notes. The score is a page from a larger manuscript, as indicated by the page number 53 in the top left corner.

$\frac{21}{2} : \frac{12}{1}$

$\frac{12}{1} : \frac{25}{2}$

$\frac{25}{2} : \frac{13}{1}$

$\frac{13}{1} : \frac{29}{2}$

$\frac{29}{2} : \frac{15}{1}$

$\frac{15}{1} : \frac{31}{2}$

$\frac{31}{2} : \frac{16}{1}$

2
4

6
4

2
4

Score for Vn., Vc., Fl., Ob., Bass cl., and Bar. sax. with dynamic markings and tempo changes.

Instrument Parts:

- Vn. (Violin):** Part 1 (top) and Part 2 (middle). Dynamics: *p*, *fp*, *mp*, *fp*, *ppp*.
- Vc. (Violoncello):** Part 1 (top) and Part 2 (bottom). Dynamics: *mp*, *p*, *fp*, *p*, *mp*, *fp*.
- Fl. (Flute):** Part 1 (top) and Part 2 (bottom). Dynamics: *fp*, *ppp*.
- Ob. (Oboe):** Part 1 (top) and Part 2 (bottom). Dynamics: *fp*, *ppp*.
- Bass cl. (Bass Clarinet):** Part 1 (top) and Part 2 (bottom). Dynamics: *fp*, *ppp*.
- Bar. sax. (Baritone Saxophone):** Part 1 (top) and Part 2 (bottom). Dynamics: *fp*, *mp*.

Tempo Changes:

- 2/4
- 6/4
- 2/4

Dynamic Markings: *p*, *fp*, *mp*, *ppp*.

Other Markings: *9:8* (rhythm), *fp*, *mp*.

$$\frac{16}{1} : \frac{33}{2}$$

$$\frac{33}{2} : \frac{137}{8}$$

$$\frac{137}{8} : \frac{73}{4}$$

$$\frac{73}{4} : \frac{79}{4}$$

$$\frac{79}{4} : \frac{81}{4}$$

5

9

6

2

Score for Vn., Vc., Fl., Ob., Bass cl., and Bar. sax. across five measures.

Measure 1: Vn. *mp*; Vc. *ppp*; Fl. *fp* (11:10); Bar. sax. *p*.

Measure 2: Vn. *p*; Vc. *mp*; Fl. *fp* (11:10); Bar. sax. *mf*.

Measure 3: Vn. *fp*; Vc. *fp* (19:18); Fl. *mp*; Bar. sax. *mf*.

Measure 4: Vn. *mp*; Vc. *mp*; Fl. *mf*; Bar. sax. *fp*.

Measure 5: Vn. *p*; Vc. *p*; Fl. *fp* (19:18); Bar. sax. *fp*.

[illegible]

$$\frac{49}{4} : \frac{107}{8}$$

♩ = 48

$$\frac{107}{8} : \frac{111}{8}$$

$$\frac{111}{8} : \frac{115}{8}$$

$$\frac{0}{1} : \frac{3}{2}$$

$$\frac{3}{2} : \frac{2}{1}$$

$$\frac{2}{1} \div \frac{25}{8}$$

$$\frac{25}{8} : \frac{29}{8}$$

$$\frac{29}{8} : \frac{41}{8}$$

$$\frac{41}{8} \div \frac{47}{8}$$

127

24

64



Scene V/b

24

9

24

64

34

Vn. |

143

Vn.

Vc. l

2

Fl.

Ob.

Bass cl.

Bar. sax.

ppp

p

$$\frac{47}{8} : \frac{7}{1}$$

$$\frac{7}{1} : \frac{15}{2}$$

$$\frac{15}{2} : \frac{9}{1}$$

$$\frac{9}{1} : \frac{19}{2}$$

$$\frac{19}{2} : \frac{11}{1}$$

$$\frac{11}{1} : \frac{47}{4}$$

$$\frac{47}{4} : \frac{49}{4}$$

$$\frac{49}{4} : \frac{107}{8}$$

9

2

6

2

6

8

2

9

Score for Vn., Vc., Fl., Ob., Bass cl., and Bar. sax. with mathematical ratios and musical notation.

Instrument Parts:

- Vn. (Violin):** Treble clef, 13 lines. Ratios: $\frac{47}{8} : \frac{7}{1}$, $\frac{7}{1} : \frac{15}{2}$, $\frac{15}{2} : \frac{9}{1}$, $\frac{9}{1} : \frac{19}{2}$, $\frac{19}{2} : \frac{11}{1}$, $\frac{11}{1} : \frac{47}{4}$, $\frac{47}{4} : \frac{49}{4}$, $\frac{49}{4} : \frac{107}{8}$.
- Vc. (Violoncello):** Bass clef, 13 lines. Ratios: $\frac{47}{8} : \frac{7}{1}$, $\frac{7}{1} : \frac{15}{2}$, $\frac{15}{2} : \frac{9}{1}$, $\frac{9}{1} : \frac{19}{2}$, $\frac{19}{2} : \frac{11}{1}$, $\frac{11}{1} : \frac{47}{4}$, $\frac{47}{4} : \frac{49}{4}$, $\frac{49}{4} : \frac{107}{8}$.
- Fl. (Flute):** Treble clef, 13 lines. Ratios: $\frac{47}{8} : \frac{7}{1}$, $\frac{7}{1} : \frac{15}{2}$, $\frac{15}{2} : \frac{9}{1}$, $\frac{9}{1} : \frac{19}{2}$, $\frac{19}{2} : \frac{11}{1}$, $\frac{11}{1} : \frac{47}{4}$, $\frac{47}{4} : \frac{49}{4}$, $\frac{49}{4} : \frac{107}{8}$.
- Ob. (Oboe):** Treble clef, 13 lines. Ratios: $\frac{47}{8} : \frac{7}{1}$, $\frac{7}{1} : \frac{15}{2}$, $\frac{15}{2} : \frac{9}{1}$, $\frac{9}{1} : \frac{19}{2}$, $\frac{19}{2} : \frac{11}{1}$, $\frac{11}{1} : \frac{47}{4}$, $\frac{47}{4} : \frac{49}{4}$, $\frac{49}{4} : \frac{107}{8}$.
- Bass cl. (Bass Clarinet):** Treble clef, 13 lines. Ratios: $\frac{47}{8} : \frac{7}{1}$, $\frac{7}{1} : \frac{15}{2}$, $\frac{15}{2} : \frac{9}{1}$, $\frac{9}{1} : \frac{19}{2}$, $\frac{19}{2} : \frac{11}{1}$, $\frac{11}{1} : \frac{47}{4}$, $\frac{47}{4} : \frac{49}{4}$, $\frac{49}{4} : \frac{107}{8}$. Dynamics: *ppp*, *p*.
- Bar. sax. (Baritone Saxophone):** Treble clef, 13 lines. Ratios: $\frac{47}{8} : \frac{7}{1}$, $\frac{7}{1} : \frac{15}{2}$, $\frac{15}{2} : \frac{9}{1}$, $\frac{9}{1} : \frac{19}{2}$, $\frac{19}{2} : \frac{11}{1}$, $\frac{11}{1} : \frac{47}{4}$, $\frac{47}{4} : \frac{49}{4}$, $\frac{49}{4} : \frac{107}{8}$. Dynamics: *ppp*, *p*.

Mathematical Ratios:

- $\frac{47}{8} : \frac{7}{1}$
- $\frac{7}{1} : \frac{15}{2}$
- $\frac{15}{2} : \frac{9}{1}$
- $\frac{9}{1} : \frac{19}{2}$
- $\frac{19}{2} : \frac{11}{1}$
- $\frac{11}{1} : \frac{47}{4}$
- $\frac{47}{4} : \frac{49}{4}$
- $\frac{49}{4} : \frac{107}{8}$

Musical Notation:

- Bass cl.:** Treble clef, 13 lines. Dynamics: *ppp*, *p*.
- Bar. sax.:** Treble clef, 13 lines. Dynamics: *ppp*, *p*.

143

24

$$\frac{107}{8} \div \frac{111}{8}$$
$$\boxed{\frac{111}{8} : \frac{115}{8}}$$
$$\frac{0}{1} : \frac{5}{4}$$

54

I

Interlude ii

64

J

Scene VI

$$\frac{0}{1} : \frac{3}{2}$$
$$\frac{3}{2} : \frac{3}{1}$$
$$\frac{3}{1} \div \frac{9}{2}$$

$\text{♩} = 32$

$\bullet = 72$

Vn. |

43

Vn.

Vc. |

Fl.

Ob.

Bass cl.

Bar. sax.

$$\frac{9}{2} : \frac{6}{1}$$
$$\frac{6}{1} \div \frac{15}{2}$$
$$\frac{15}{2} : \frac{9}{1}$$
$$\boxed{\frac{9}{1} : \frac{21}{2}}$$
$$\frac{21}{2} : \frac{12}{1}$$

149

 V_n

1.

$$\frac{12}{1} \div \frac{27}{2}$$
$$\frac{27}{2} \div \frac{115}{8}$$

154

78

 V_n

1.