

# **RYTHMONIMO**

Version 1.10

Manuel d'utilisation

Logiciel développé par David Graton

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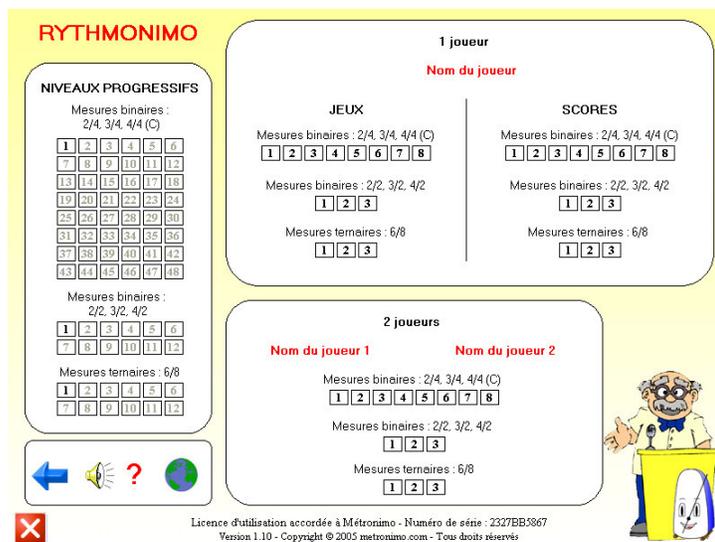
Rythmonimo est un logiciel ludique qui permet d'apprendre le rythme des notes de musique. Le principe est le suivant : vous écoutez un rythme, vous déplacez un rectangle sur sa représentation graphique, puis vous validez votre réponse. Lorsque la réponse est correcte, vous gagnez des points. Lorsqu'elle est incorrecte, vous en perdez.

## Première utilisation.

Lorsque le programme est lancé pour la première fois, il est nécessaire de créer un nom d'utilisateur. Le programme sauvegarde les paramètres et la progression de chaque utilisateur. Si vous ne voulez pas que d'autres personnes aient accès à vos paramètres, vous pouvez utiliser un mot de passe. Vous pouvez changer la langue de l'interface, français, anglais, espagnol, portugais, italien ou allemand en cliquant sur un drapeau.



## Accueil



**RYTHMONIMO**

**NIVEAUX PROGRESSIFS**

Mesures binaires : 2/4, 3/4, 4/4 (C)

Mesures ternaires : 2/2, 3/2, 4/2

Mesures ternaires : 6/8

**1 joueur**

Nom du joueur

**JEUX**

Mesures binaires : 2/4, 3/4, 4/4 (C)

Mesures binaires : 2/2, 3/2, 4/2

Mesures ternaires : 6/8

**SCORES**

Mesures binaires : 2/4, 3/4, 4/4 (C)

Mesures binaires : 2/2, 3/2, 4/2

Mesures ternaires : 6/8

**2 joueurs**

Nom du joueur 1      Nom du joueur 2

Mesures binaires : 2/4, 3/4, 4/4 (C)

Mesures binaires : 2/2, 3/2, 4/2

Mesures ternaires : 6/8

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Vous pouvez ici accéder aux différentes rubriques.

## Niveaux progressifs

Lors de la première utilisation, seuls les niveaux 1 sont activés. Il sera possible d'accéder aux niveaux suivants si l'utilisateur obtient plus de 1000 points en moins de 300 secondes.

## Jeux

Tous les niveaux sont activés lors de la première utilisation. Lorsqu'il y a 1 joueur, le logiciel sauvegarde pour chaque niveau les 30 meilleurs scores. Contrairement aux niveaux progressifs où le

logiciel sauvegarde la progression de chaque utilisateur, il y a ici, pour chaque niveau, une seule sauvegarde des scores pour tous les utilisateurs. Les jeux sont sur la colonne de gauche, les scores sur celle de droite.

Il est possible de jouer à 2. Il n'y a dans ce cas pas de sauvegarde des scores. C'est celui qui a obtenu le plus grand nombre de points qui a gagné.

## Autres rubriques

La flèche permet de changer d'utilisateur.

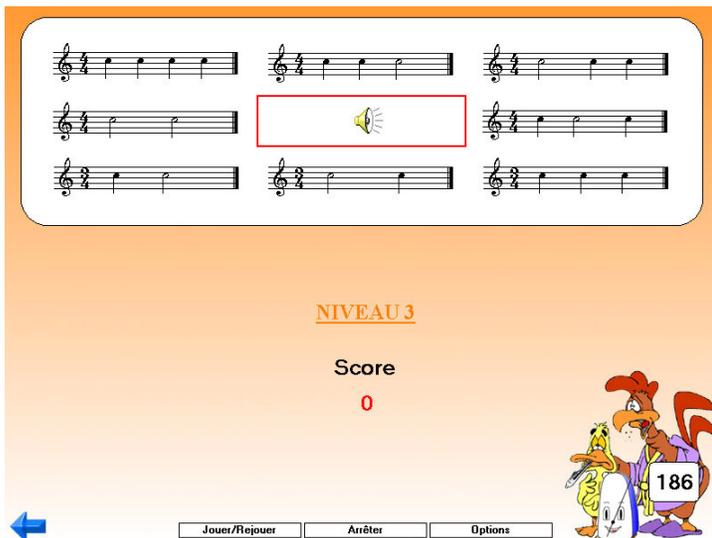
L'image représentant un haut-parleur permet d'écouter les rythmes présents dans le programme.

Le point d'interrogation permet d'accéder à ce manuel.

L'image représentant la terre permet d'accéder au site de Métronimo.

Le détail des rythmes utilisés à chaque niveau est disponible à la fin de ce manuel.

## Niveaux progressifs :



Pour le niveau 1 des mesures 2/4, 3/4 et 4/4, vous devez choisir parmi 3 rythmes, et pour le niveau 2, 5 rythmes. Pour tous les autres niveaux des mesures binaires et ternaires, vous devez choisir parmi 8 rythmes.

Les boutons en bas de l'écran permettent de jouer ou recommencer le niveau, arrêter de jouer, ou modifier les paramètres. Lorsque vous cliquez sur Jouer/Rejouer, un des rythmes présents est entendu. Vous pouvez déplacer le rectangle rouge avec les flèches du clavier, et valider votre réponse avec la touche *Espace*. Si la réponse est correcte, vous gagnez 100 points. Si la réponse est incorrecte, vous perdez 100 points. Pour écouter le rythme une

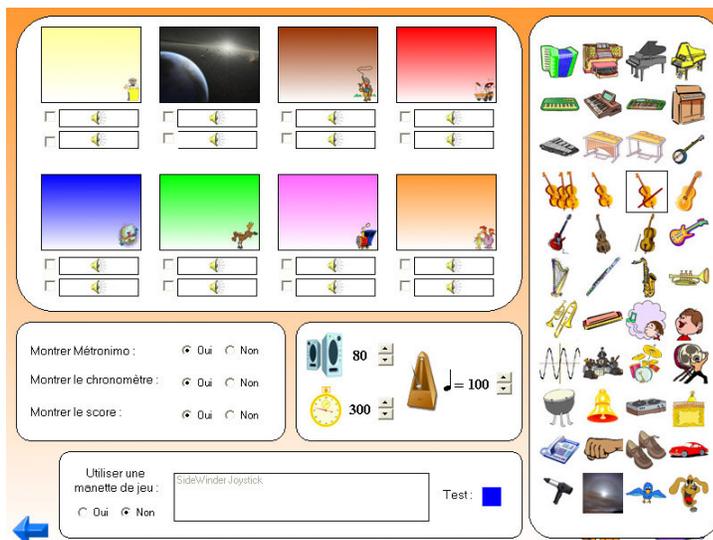
nouvelle fois, déplacez le rectangle sur le haut-parleur puis appuyez sur la touche *Espace* ou sur un bouton de la manette de jeu si vous l'utilisez. Le niveau suivant est validé si vous obtenez au minimum 1000 points en 300 secondes. Toutes les secondes, vous perdez 1 point. Vous pouvez désactiver cette fonction dans la partie *Options*.

## Options des niveaux progressifs

En cliquant sur les vignettes, vous pouvez changer les bruitages et l'image du fond d'écran. Les bruitages sont activés lorsque les cases sont cochées. Vous pouvez les écouter en cliquant sur les boutons contenant un haut-parleur.

Vous ne perdez pas 1 point par secondes pendant le jeu si vous choisissez de ne pas montrer Métronimo. Vous pouvez également choisir de ne pas voir les scores ni le temps restant.

Le volume des rythmes peut varier de 0 à 100. Le temps pour terminer un niveau peut varier de 1 à 999 secondes. En cliquant sur le métronome, vous pouvez écouter la pulsation.



Il est possible de modifier l'instrument utilisé par les rythmes en cliquant sur l'image qui la représente. Utilisez de préférence un son continu comme celui de l'orgue. Avec un son bref, vous ne pourriez pas, par exemple, faire la différence entre une blanche et une noire suivie d'un silence.

Au lieu d'utiliser le clavier de l'ordinateur, il est possible d'utiliser une manette de jeu. Pour tester si elle fonctionne, cliquez sur un des boutons de la manette. Le carré bleu doit devenir rouge.

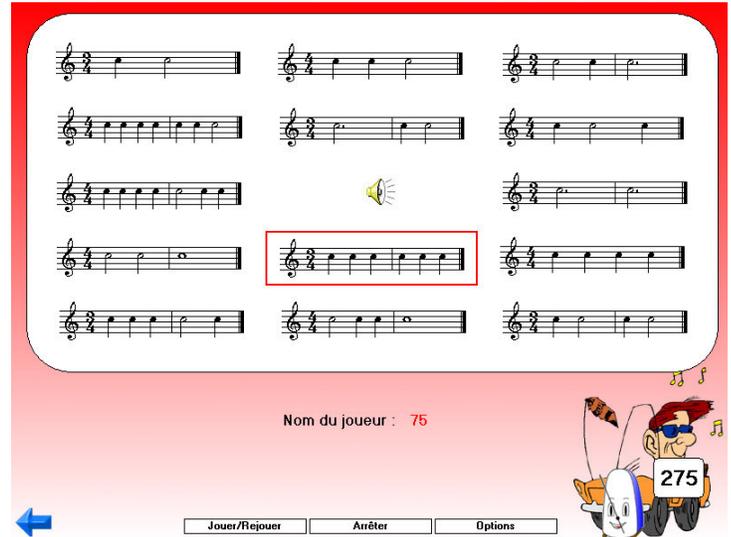
Excepté l'utilisation de la manette de jeu, toutes ces options sont sauvegardées pour chaque utilisateur.

La flèche permet de revenir au jeu.

## Un joueur

De même que pour les niveaux progressifs, vous pouvez déplacer le rectangle rouge avec les flèches du clavier, et valider votre réponse avec la touche *Espace*. Si la réponse est correcte, vous gagnez 100 points. Si la réponse est incorrecte, vous perdez 100 points.

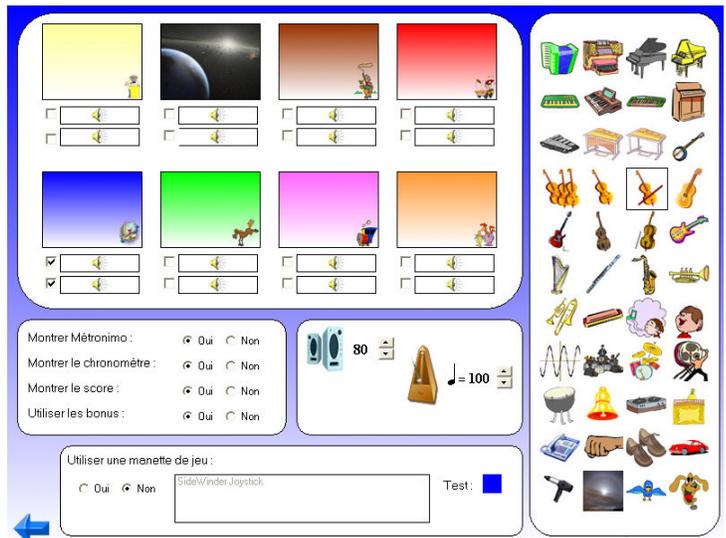
Pour chaque niveau, vous devez choisir parmi 14 rythmes.



## Options

Les options sont presque les mêmes que celles des niveaux progressifs. Les différences sont :

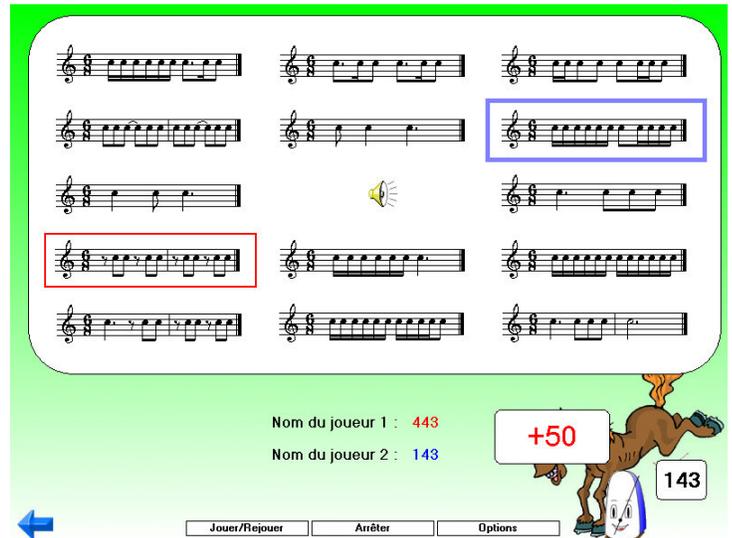
- Possibilité d'avoir des bonus de 50, 100, 150 ou 200 points pendant le jeu. Si vous répondez correctement, le nombre de points du bonus affiché est ajouté à votre score. Ainsi, avec un bonus de 200 points, 300 points sont ajoutés. Les bonus restent affichés pendant 20 secondes.
- Impossibilité de modifier le temps du jeu. Celui-ci est toujours de 300 secondes. La liste des scores est affichée à la fin du jeu. Votre nom sera présent si votre score est parmi les 30 meilleurs.



## Deux joueurs

Le joueur 1 déplace le rectangle rouge avec les flèches du clavier, et valide sa réponse avec la touche *Espace*. Le joueur 2 déplace le rectangle bleu avec les touches 1, 2, 3, 5, et valide sa réponse avec la touche 0.

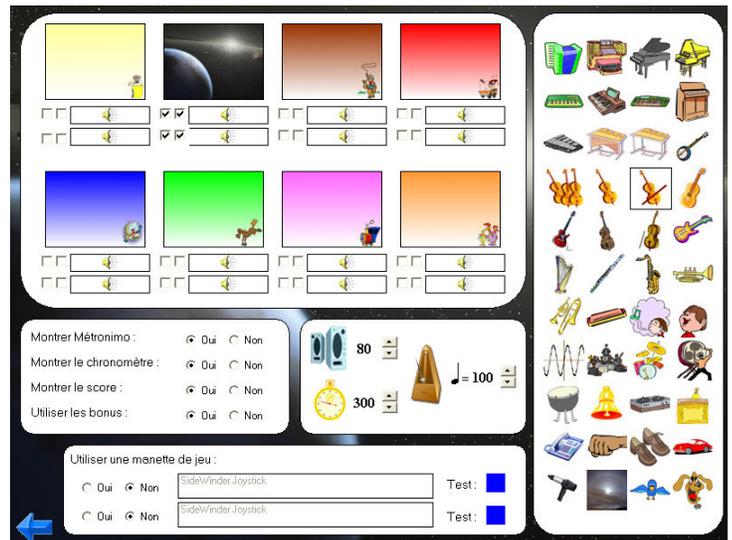
Pour chaque niveau, vous devez choisir parmi 14 rythmes.



## Options

Les options sont presque les mêmes que celles des niveaux progressifs. Les différences sont :

- Possibilité de choisir des bruitages différents pour chaque joueur. La case de gauche est celle du joueur 1. La case de droite est celle du joueur 2.
- Possibilité pour chaque joueur d'utiliser une manette de jeu.

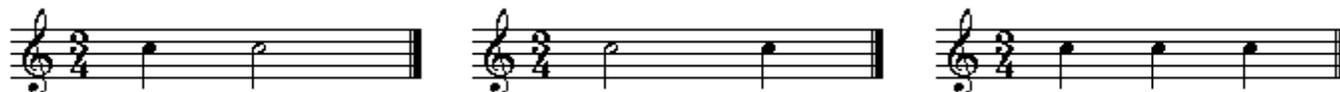


## **Liste des rythmes**

## Niveaux progressifs

### Mesures binaires 2/4, 3/4, 4/4 (C)

Niveau 1 : la noire, la blanche.



Niveau 2



Niveau 3



Niveau 4



Niveau 5



Niveau 6 : la noire, la blanche, la ronde.

Three columns of musical notation in 4/4 time. Each column contains three staves. The first column shows eighth notes, quarter notes, and half notes. The second column shows quarter notes, eighth notes, and quarter notes. The third column shows quarter notes, eighth notes, and quarter notes.

Niveau 7 : la blanche pointée.

Three columns of musical notation in 3/4 time. Each column contains three staves. The first column shows dotted quarter notes, quarter notes, and dotted quarter notes. The second column shows dotted quarter notes, quarter notes, and dotted quarter notes. The third column shows dotted quarter notes, quarter notes, and dotted quarter notes.

Niveau 8 : la liaison.

Three columns of musical notation in 4/4 time. Each column contains three staves. The first column shows eighth notes with slurs and ties. The second column shows quarter notes with slurs and ties. The third column shows eighth notes with slurs and ties.

Niveau 9

Three columns of musical notation in 3/4 time. Each column contains three staves. The first column shows quarter notes with slurs and ties. The second column shows quarter notes with slurs and ties. The third column shows quarter notes with slurs and ties.

Niveau 10

Three columns of musical notation for Niveau 10, each in 4/4 time. Each column contains three staves. The first two staves of each column are identical. The first staff of each column features a melodic line with a slur over the first two notes and a dotted quarter note. The second staff features a similar melodic line with a slur over the first two notes and a quarter note. The third staff of each column features a melodic line with a slur over the first two notes and a quarter note.

Niveau 11

Three columns of musical notation for Niveau 11, each in 4/4 time. Each column contains three staves. The first two staves of each column are identical. The first staff of each column features a melodic line with a slur over the first two notes and a dotted quarter note. The second staff features a similar melodic line with a slur over the first two notes and a quarter note. The third staff of each column features a melodic line with a slur over the first two notes and a quarter note.

Niveau 12 : le soupir.

Three columns of musical notation for Niveau 12, each in 4/4 time. Each column contains three staves. The first two staves of each column are identical. The first staff of each column features a melodic line with a slur over the first two notes and a dotted quarter note. The second staff features a similar melodic line with a slur over the first two notes and a quarter note. The third staff of each column features a melodic line with a slur over the first two notes and a quarter note.

Niveau 13

Three columns of musical notation for Niveau 13, each in 3/4 time. Each column contains three staves. The first two staves of each column are identical. The first staff of each column features a melodic line with a slur over the first two notes and a dotted quarter note. The second staff features a similar melodic line with a slur over the first two notes and a quarter note. The third staff of each column features a melodic line with a slur over the first two notes and a quarter note.

Niveau 14

Musical notation for Niveau 14, consisting of a 3x3 grid of staves in 4/4 time. The notes are: Row 1: G4, A4, B4, C5; Row 2: C5, B4, A4, G4; Row 3: G4, F4, E4, D4.

Niveau 15 : la demi-pause.

Musical notation for Niveau 15, consisting of a 3x3 grid of staves in 4/4 time. The notes are: Row 1: G4, A4, B4, C5; Row 2: C5, B4, A4, G4; Row 3: G4, F4, E4, D4.

Niveau 16 : la pause.

Musical notation for Niveau 16, consisting of a 3x3 grid of staves in 4/4 time. The notes are: Row 1: G4, A4, B4, C5; Row 2: C5, B4, A4, G4; Row 3: G4, F4, E4, D4.

Niveau 17 : la croche.

Musical notation for Niveau 17, consisting of a 3x3 grid of staves in 4/4 time. The notes are: Row 1: G4, A4, B4, C5; Row 2: C5, B4, A4, G4; Row 3: G4, F4, E4, D4.

Niveau 18

Three systems of musical notation for Niveau 18, each system containing three staves. The time signature is 4/4. The notation consists of eighth and sixteenth notes, with some measures containing rests.

Niveau 19

Three systems of musical notation for Niveau 19, each system containing three staves. The time signature is 3/4. The notation consists of eighth and sixteenth notes, with some measures containing rests.

Niveau 20

Three systems of musical notation for Niveau 20, each system containing three staves. The time signature is 4/4. The notation consists of eighth and sixteenth notes, with some measures containing rests.

Niveau 21 : la noire pointée.

Three systems of musical notation for Niveau 21, each system containing three staves. The time signature is 3/4. The notation consists of eighth and sixteenth notes, with some measures containing rests.

Niveau 22

Musical notation for Niveau 22, consisting of a 3x3 grid of staves in 4/4 time. Each staff contains a sequence of notes: quarter notes, eighth notes, and half notes, with a double bar line at the end of each line.

Niveau 23

Musical notation for Niveau 23, consisting of a 3x3 grid of staves in 4/4 time. Each staff contains a sequence of notes, including quarter notes, eighth notes, and half notes, with a double bar line at the end of each line.

Niveau 24 : le demi-soupir.

Musical notation for Niveau 24, consisting of a 3x3 grid of staves in 4/4 time. Each staff contains a sequence of notes, including quarter notes, eighth notes, and half notes, with a double bar line at the end of each line.

Niveau 25

Musical notation for Niveau 25, consisting of a 3x3 grid of staves in 4/4 time. Each staff contains a sequence of notes, including quarter notes, eighth notes, and half notes, with a double bar line at the end of each line.

Niveau 26 : la double-croche.

Three columns of musical notation for Niveau 26, each in 4/4 time. Each column contains three staves. The first two staves of each column show a sequence of eighth notes and eighth rests, while the third staff shows a sequence of eighth notes.

Niveau 27

Three columns of musical notation for Niveau 27, each in 4/4 time. Each column contains three staves. The first two staves of each column show a sequence of eighth notes and eighth rests, while the third staff shows a sequence of eighth notes.

Niveau 28

Three columns of musical notation for Niveau 28, each in 4/4 time. Each column contains three staves. The first two staves of each column show a sequence of eighth notes and eighth rests, while the third staff shows a sequence of eighth notes.

Niveau 29

Three columns of musical notation for Niveau 29, each in 4/4 time. Each column contains three staves. The first two staves of each column show a sequence of eighth notes and eighth rests, while the third staff shows a sequence of eighth notes and quarter notes.

Niveau 30 : le triolet de croches.

Niveau 31

Niveau 32

Niveau 33 : la syncope.

Niveau 34

Three columns of musical notation for Niveau 34, each in 4/4 time. Each column contains three staves of music. The first two staves of each column are identical, featuring a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4. The third staff of each column features a sequence of sixteenth notes: G4, A4, B4, C5, B4, A4, G4, A4, B4, C5, B4, A4, G4.

Niveau 35

Three columns of musical notation for Niveau 35, each in 3/4 time. Each column contains three staves of music. The first two staves of each column are identical, featuring a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4. The third staff of each column features a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4, with a fermata over the final G4.

Niveau 36 : la double-croche.

Three columns of musical notation for Niveau 36, each in 4/4 time. Each column contains three staves of music. The first two staves of each column are identical, featuring a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4. The third staff of each column features a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4, with a fermata over the final G4.

Niveau 37

Three columns of musical notation for Niveau 37, each in 4/4 time. Each column contains three staves of music. The first two staves of each column are identical, featuring a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4. The third staff of each column features a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4, with a fermata over the final G4.

Niveau 38 : le quart de soupir.

Musical notation for Niveau 38: le quart de soupir. It consists of a 3x3 grid of musical staves in 4/4 time. Each staff contains a sequence of eighth notes with a dotted quarter note, forming a rhythmic pattern.

Niveau 39

Musical notation for Niveau 39. It consists of a 3x3 grid of musical staves in 4/4 time. Each staff contains a sequence of eighth notes with a dotted quarter note, forming a rhythmic pattern.

Niveau 40 : le demi-soupir pointé.

Musical notation for Niveau 40: le demi-soupir pointé. It consists of a 3x3 grid of musical staves in 4/4 time. Each staff contains a sequence of eighth notes with a dotted quarter note, forming a rhythmic pattern.

Niveau 41 : le triolet de doubles-croches.

Musical notation for Niveau 41: le triolet de doubles-croches. It consists of a 3x3 grid of musical staves in 3/4 time. Each staff contains a sequence of eighth notes with a dotted quarter note, forming a rhythmic pattern.

Niveau 42

Three columns of musical notation for Niveau 42, each containing three staves. The notation consists of eighth notes with slurs, indicating a continuous rhythmic pattern. The first two columns have a total of six staves, and the third column has three staves.

Niveau 43 : la double-croche pointée.

Three columns of musical notation for Niveau 43, each containing three staves. The notation consists of dotted eighth notes, indicating a specific rhythmic pattern. The first two columns have a total of six staves, and the third column has three staves.

Niveau 44

Three columns of musical notation for Niveau 44, each containing three staves. The notation consists of eighth notes, indicating a specific rhythmic pattern. The first two columns have a total of six staves, and the third column has three staves.

Niveau 45 : la triple croche.

Three columns of musical notation for Niveau 45, each containing three staves. The notation consists of sixteenth notes, indicating a specific rhythmic pattern. The first two columns have a total of six staves, and the third column has three staves.

Niveau 46 : le huitième de soupir.

Three columns of musical notation in 2/4 time, each containing three staves. The first two rows show eighth notes with a 's' (soprano) marking. The third row shows eighth notes with a 'z' (zaccato) marking.

Niveau 47 : le double point.

Three columns of musical notation in 4/4 time, each containing three staves. The first row shows dotted notes. The second and third rows show eighth notes with a double dot (trill) marking.

Niveau 48 : le triolet de triple croches.

Three columns of musical notation in 2/4 time, each containing three staves. The first two rows show triplets of eighth notes with a 's' marking. The third row shows eighth notes with a 's' marking.

Mesures binaires 2/2, 3/2, 4/2

Niveau 1 : la blanche, la ronde.

Three columns of musical notation, each containing three staves. The first row shows 2/2 time with half notes. The second row shows 3/2 time with half notes. The third row shows 4/2 time with half notes.

Niveau 2 : la ronde carrée.

Three columns of musical notation for Niveau 2. Each column contains three staves. The first column shows quarter notes on G4, A4, and B4. The second column shows quarter notes on G4, A4, and B4 with quarter rests. The third column shows quarter notes on G4, A4, and B4 with quarter rests in a different sequence.

Niveau 3 : la pause, la demi pause.

Three columns of musical notation for Niveau 3. Each column contains three staves. The first column shows half notes on G4, A4, and B4. The second column shows half notes on G4, A4, and B4 with half rests. The third column shows half notes on G4, A4, and B4 with half rests in a different sequence.

Niveau 4 : la ronde pointée.

Three columns of musical notation for Niveau 4. Each column contains three staves. The first column shows dotted quarter notes on G4, A4, and B4. The second column shows dotted quarter notes on G4, A4, and B4 with quarter notes. The third column shows dotted quarter notes on G4, A4, and B4 with quarter notes in a different sequence.

Niveau 5 : la noire, le soupir.

Three columns of musical notation for Niveau 5. Each column contains three staves. The first column shows eighth notes on G4, A4, and B4. The second column shows eighth notes on G4, A4, and B4 with eighth rests. The third column shows eighth notes on G4, A4, and B4 with eighth rests in a different sequence.

Niveau 6 : la blanche pointée.

Three columns of musical notation for Niveau 6. Each column contains three staves. The first column uses 3/4 time, the second 3/8 time, and the third 4/4 time. The exercises focus on the dotted half note (blanche pointée) in various rhythmic contexts.

Niveau 7 : le triolet de noires.

Three columns of musical notation for Niveau 7. Each column contains three staves. The first column uses 3/8 time, the second 3/4 time, and the third 3/4 time. The exercises focus on the triplet of eighth notes (triolet de noires) in various rhythmic contexts.

Niveau 8 : la croche.

Three columns of musical notation for Niveau 8. Each column contains three staves. The first column uses 3/8 time, the second 3/4 time, and the third 3/4 time. The exercises focus on the eighth note (croche) in various rhythmic contexts.

Niveau 9 : la noire pointée, le demi soupir.

Three columns of musical notation for Niveau 9. Each column contains three staves. The first column uses 3/4 time, the second 3/4 time, and the third 3/4 time. The exercises focus on the dotted quarter note (noire pointée) and the half note with a fermata (demi soupir) in various rhythmic contexts.

Niveau 10 : le triolet de croches, la double-croche.



Three columns of musical notation for Niveau 10. Each column contains three staves. The first two staves of each column show a sequence of eighth notes with slurs and accents, and a final dotted quarter note. The third staff of each column shows a sequence of eighth notes with slurs and accents, and a final dotted quarter note.

Niveau 11



Three columns of musical notation for Niveau 11. Each column contains three staves. The first two staves of each column show a sequence of eighth notes with slurs and accents, and a final dotted quarter note. The third staff of each column shows a sequence of eighth notes with slurs and accents, and a final dotted quarter note.

Niveau 12 : la croche pointée.



Three columns of musical notation for Niveau 12. Each column contains three staves. The first two staves of each column show a sequence of eighth notes with slurs and accents, and a final dotted quarter note. The third staff of each column shows a sequence of eighth notes with slurs and accents, and a final dotted quarter note.

### Mesures ternaires

Niveau 1 : la blanche pointée, la noire pointée, la croche.



Three columns of musical notation for Niveau 1 in 3/8 time. Each column contains three staves. The first two staves of each column show a sequence of eighth notes with slurs and accents, and a final dotted quarter note. The third staff of each column shows a sequence of eighth notes with slurs and accents, and a final dotted quarter note.

Niveau 2 :

Three columns of musical exercises for Niveau 2. Each column contains three staves. The first column shows a sequence of quarter notes: G4, A4, B4, C5. The second column shows a sequence of quarter notes: G4, A4, B4, C5. The third column shows a sequence of quarter notes: G4, A4, B4, C5.

Niveau 3 : la liaison.

Three columns of musical exercises for Niveau 3. Each column contains three staves. The first column shows a sequence of quarter notes: G4, A4, B4, C5. The second column shows a sequence of quarter notes: G4, A4, B4, C5. The third column shows a sequence of quarter notes: G4, A4, B4, C5.

Niveau 4 : le soupir pointé, le demi soupir.

Three columns of musical exercises for Niveau 4. Each column contains three staves. The first column shows a sequence of quarter notes: G4, A4, B4, C5. The second column shows a sequence of quarter notes: G4, A4, B4, C5. The third column shows a sequence of quarter notes: G4, A4, B4, C5.

Niveau 5 : la croche pointée, la double croche.

Three columns of musical exercises for Niveau 5. Each column contains three staves. The first column shows a sequence of quarter notes: G4, A4, B4, C5. The second column shows a sequence of quarter notes: G4, A4, B4, C5. The third column shows a sequence of quarter notes: G4, A4, B4, C5.

Niveau 6

Musical notation for Niveau 6, consisting of a 3x3 grid of staves. Each staff contains a sequence of notes in a specific rhythmic pattern, primarily using quarter and eighth notes. The notation is presented in a 3x3 grid.

Niveau 7

Musical notation for Niveau 7, consisting of a 3x3 grid of staves. Each staff contains a sequence of notes in a specific rhythmic pattern, primarily using quarter and eighth notes. The notation is presented in a 3x3 grid.

Niveau 8

Musical notation for Niveau 8, consisting of a 3x3 grid of staves. Each staff contains a sequence of notes in a specific rhythmic pattern, primarily using quarter and eighth notes. The notation is presented in a 3x3 grid.

Niveau 9

Musical notation for Niveau 9, consisting of a 3x3 grid of staves. Each staff contains a sequence of notes in a specific rhythmic pattern, primarily using quarter and eighth notes. The notation is presented in a 3x3 grid.

Niveau 10 : le demi soupir.

Musical notation for Niveau 10: le demi soupir. It consists of a 3x3 grid of musical staves. Each staff contains a sequence of eighth notes with accents, some with slurs, and rests, all within a 6/8 time signature.

Niveau 11

Musical notation for Niveau 11. It consists of a 3x3 grid of musical staves. Each staff contains a sequence of eighth notes, some with slurs, all within a 6/8 time signature.

Niveau 12 : le duolet.

Musical notation for Niveau 12: le duolet. It consists of a 3x3 grid of musical staves. The notation includes eighth notes, quarter notes, and rests, with various slurs and fingerings (2, 4) indicated below the notes.

# Jeux

Niveau 1

The image displays 42 musical exercises arranged in a 14x3 grid. Each exercise is written on a single staff with a treble clef. The time signatures vary across the exercises, including 4/4, 3/4, and 2/4. The exercises are designed to practice rhythmic patterns and note placement on the staff. The notes are primarily quarter notes and half notes, with some exercises featuring rests or dotted notes. The exercises are organized into three columns and 14 rows, with each row containing one exercise from each column.

Niveau 2 (niveau 1 plus...)

This image displays a 15x3 grid of musical notation for a piano exercise. Each row contains three staves of music, and each staff begins with a treble clef and a time signature. The time signatures vary by row: the first four rows are in 4/4 time, the next five rows are in 3/4 time, and the final six rows are in 2/4 time. The notation includes various rhythmic patterns such as eighth notes, quarter notes, and half notes, often grouped with slurs. The exercise progresses from simple eighth-note patterns in the first row to more complex rhythms involving rests and dotted notes in the final rows.

Three systems of musical notation in 4/4 time. Each system consists of three staves. The first system shows a sequence of notes: quarter, quarter, quarter, quarter, quarter, quarter, quarter, quarter. The second system shows a sequence of notes: quarter, quarter, quarter, quarter, quarter, quarter, quarter, quarter. The third system shows a sequence of notes: quarter, quarter, quarter, quarter, quarter, quarter, quarter, quarter.

Niveau 3 (niveau 2 plus...)

Three systems of musical notation. The first two systems are in 4/4 time and consist of three staves each. The first system shows a sequence of notes: quarter, quarter, quarter, quarter, quarter, quarter, quarter, quarter. The second system shows a sequence of notes: quarter, quarter, quarter, quarter, quarter, quarter, quarter, quarter. The third system shows a sequence of notes: quarter, quarter, quarter, quarter, quarter, quarter, quarter, quarter. The fourth system is in 3/4 time and consists of three staves. The first system shows a sequence of notes: quarter, quarter, quarter, quarter, quarter, quarter, quarter, quarter. The second system shows a sequence of notes: quarter, quarter, quarter, quarter, quarter, quarter, quarter, quarter. The third system shows a sequence of notes: quarter, quarter, quarter, quarter, quarter, quarter, quarter, quarter.

This section contains 12 musical exercises arranged in a 4x3 grid. The first two columns are in 3/4 time, and the third column is in 4/4 time. The exercises progress from simple quarter-note patterns to more complex eighth-note and sixteenth-note runs.

Niveau 4 (niveau 3 plus...)

This section contains 30 musical exercises arranged in a 10x3 grid. The first two columns are in 3/4 time, and the third column is in 4/4 time. The exercises progress from simple quarter-note patterns to more complex eighth-note and sixteenth-note runs.

Niveau 5 (niveau 4 plus...)

Niveau 6 (niveau 5 plus...)

This image displays a 13x3 grid of musical staves, all in 4/4 time. Each staff contains a sequence of rhythmic patterns. The patterns are organized into three columns and progress from top to bottom. The first column starts with a simple eighth-note run and introduces a triplet 's' in the second row. The second column introduces a triplet 's' in the first row and a triplet 's' with a dotted eighth note in the second row. The third column introduces a triplet 's' with a dotted eighth note in the first row. The patterns become more complex, incorporating sixteenth notes and dotted rhythms, particularly in the lower rows. The final row of each column shows a pattern with a dotted eighth note and a sixteenth note.

Niveau 7 (niveau 6 plus...)

This image displays a 13x3 grid of musical notation for a piano exercise at Niveau 7. Each staff is in 3/4 time and contains a sequence of eighth notes, often grouped with slurs and accents. The exercise is organized into three columns and thirteen rows. The notation includes various rhythmic patterns, such as eighth-note runs, slurs, and accents, designed to challenge the player's technique and control.

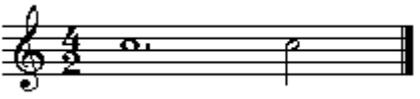
Niveau 8 (niveau 7 plus...)

A musical score for Niveau 8, consisting of 24 staves arranged in a 3x8 grid. The score is divided into three columns and eight rows. The first two columns contain rhythmic exercises in 2/4 time, while the third column contains exercises in 4/4 time. The exercises involve various rhythmic patterns, including eighth notes, sixteenth notes, and rests, often grouped with slurs and accents. The notation is in treble clef.

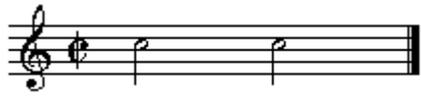
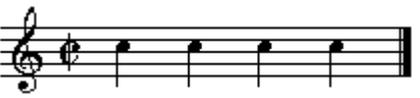
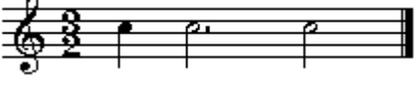
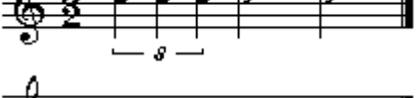
Mesures binaires 2/2, 3/2, 4/2

Niveau 1

A musical score for Niveau 1, consisting of 18 staves arranged in a 3x6 grid. The score is divided into three columns and six rows. The first column contains exercises in 2/2 time, the second in 3/2 time, and the third in 4/2 time. The exercises are simple rhythmic patterns, often consisting of quarter notes, half notes, and rests, in treble clef.

Niveau 2 (niveau 1 plus...)



Niveau 3 (niveau 2 plus...)



# Mesures ternaires

## Niveau 1

This section contains 30 staves of musical exercises for Niveau 1, arranged in a 10x3 grid. Each staff is in 3/8 time and begins with a treble clef and a key signature of one flat (B-flat). The exercises progress from simple quarter and eighth notes to more complex patterns involving eighth and sixteenth notes, rests, and slurs.

## Niveau 2 (niveau 1 plus)

This section contains 9 staves of musical exercises for Niveau 2, arranged in a 3x3 grid. Each staff is in 3/8 time and begins with a treble clef and a key signature of one flat (B-flat). The exercises are more complex than Niveau 1, featuring sixteenth notes, eighth notes, and slurs.

Niveau 3 (niveau 2 plus...)

