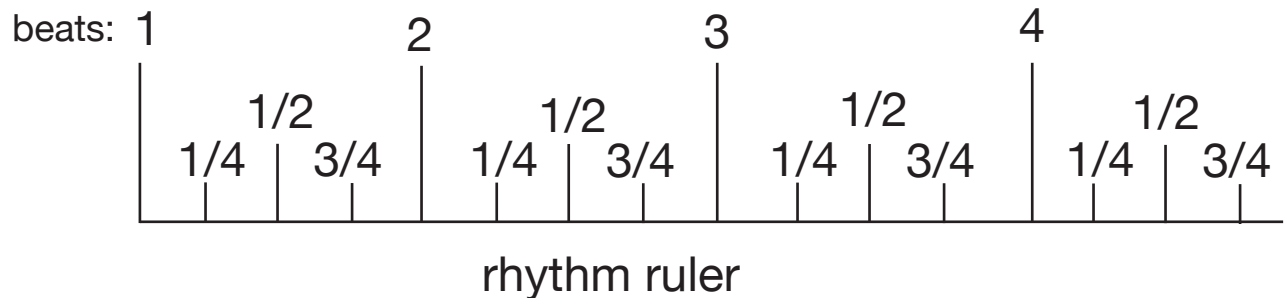


EncycloMedia Man *by Mike Overly*

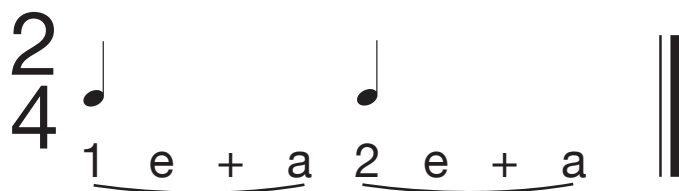
1:4 Rhythm Ratio - Part 1


Let's begin this lesson with a rhythm ruler divided into quarter inches. In other words, **one** inch with **four** parts. This is a 1:4 ratio.

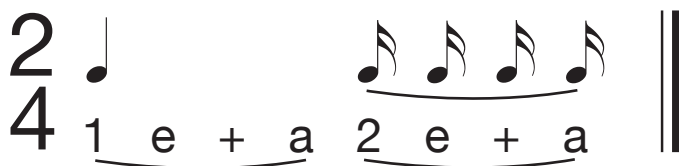


In music, the **1:4 rhythm ratio** is when **one beat** is divided into **four counting parts**. The four counting parts are the **beat number, e, +, a**. The plus sign + is counted "and."

The following example divides one beat into four counting parts. This example is counted "one e + a, two e + a." Don't forget to **clap** on the **beat numbers** and shake on the tied **e + a**. Notice that when four counting parts are connected by a **tie**, one beat of **sustained sound** is the result.



When **one** beat is divided into **four** counting parts, each part gets one quarter of the beat. The note that gets one quarter of a beat is the sixteenth note. The **sixteenth note**  looks like a quarter note with **two flags**. As was said, when four sixteenth notes are **tied** together, one beat of sound is the result. Said differently, **one** quarter note equals **four** sixteenth notes tied together.



When four sixteenth notes share the same flags, the flags are not called a flags, they are called **beams**. The following example illustrates flags as beams. Notice that in the following example, a **tie**

is used to indicate **sustained sound**.

2 4 1 e + a 2 e + a

The notation shows a 4/4 time signature. The first measure contains a quarter rest, followed by a quarter note. The second measure contains a quarter note. The counting parts are: 1 e + a for the first measure and 2 e + a for the second measure. A tie is placed under the 'e' in the second measure to indicate sustained silence.

In a 1:4 rhythm ratio, one **quarter rest** is **silent** for all four counting part: **beat number, e, +, a**. This is **equivalent** to four individual sixteenth rests. In other words, the **sixteenth rest** is silent for one counting part. Notice that in this example, a **tie** is used to indicate **sustained silence**. Remember, when you clap/shake the following rhythm, **shake** all counting parts.

2 4 1 e + a 2 e + a

The notation shows a 4/4 time signature. The first measure contains a quarter rest, followed by four sixteenth rests. The second measure contains a quarter note. The counting parts are: 1 e + a for the first measure and 2 e + a for the second measure. A tie is placed under the 'e' in the second measure to indicate sustained silence.

In a 1:4 rhythm ratio, and **eighth note** and an **eighth rest** get two counting parts. The following one bar 4/4 example illustrates this. Here is an example the uses a **quarter note, sixteenth rests, eighth note, eighth rest** and a **quarter rest** counted in a 1:4 rhythm ratio.

4 4 1 e + a 2 e + a 3 e + a 4 e + a

The notation shows a 4/4 time signature. The first measure contains a quarter note, followed by four sixteenth rests. The second measure contains an eighth note, followed by an eighth rest. The third measure contains a quarter note. The counting parts are: 1 e + a for the first measure, 2 e + a for the second measure, 3 e + a for the third measure, and 4 e + a for the fourth measure. A tie is placed under the 'e' in the fourth measure to indicate sustained silence.

This last one bar 4/4 example uses, **sixteenth notes** [beamed and unbeamed], **sixteenth rests**, **eighth note** and **eighth rest** and a **quarter note**. All are counted in a 1:4 rhythm ratio.

4 4 1 e + a 2 e + a 3 e + a 4 e + a

The notation shows a 4/4 time signature. The first measure contains four beamed sixteenth notes, followed by a quarter note. The second measure contains an eighth note, followed by an eighth rest. The third measure contains a quarter note. The counting parts are: 1 e + a for the first measure, 2 e + a for the second measure, 3 e + a for the third measure, and 4 e + a for the fourth measure. A tie is placed under the 'e' in the fourth measure to indicate sustained silence.

The **dotted eighth note** will be introduced in an upcoming lesson. Stay tuned.

'til next time, play and have fun... I'll be listening!