

Even-run rhythm-maker

EvenRunRhythmMaker()

ER 1-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

$\frac{1}{2}$ $\frac{2}{12}$ $\frac{4}{16}$ $\frac{5}{16}$

ER 1-2

$\frac{1}{11}$ $\frac{3}{8}$

$\frac{1}{11}$ $\frac{3}{8}$

ER 1-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$

$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

ER 1-4

$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$

$\frac{1}{5}$ $\frac{9}{16}$

```
EvenRunRhythmMaker(  
    beam_specifier=BeamSpecifier(  
        beam_each_division=True,  
        beam_divisions_together=True,  
    ),  
)
```

ER 2-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

A musical staff for ER 2-1. It starts with a $\frac{4}{16}$ time signature, followed by a $\frac{5}{16}$ time signature, then a $\frac{1}{2}$ time signature. The staff contains a series of eighth notes. A beam labeled $3:2$ spans the last two eighth notes.

$\frac{1}{2}$ $\frac{2}{12}$ $\frac{4}{16}$ $\frac{5}{16}$

A musical staff with a $\frac{1}{2}$ time signature, followed by a $\frac{2}{12}$ time signature, then a $\frac{4}{16}$ time signature, and finally a $\frac{5}{16}$ time signature. The staff contains a series of eighth notes. A beam labeled $3:2$ spans the first two eighth notes.

ER 2-2

$\frac{1}{11}$ $\frac{3}{8}$

A musical staff for ER 2-2. It starts with a $\frac{1}{11}$ time signature, followed by a $\frac{3}{8}$ time signature. The staff contains a series of eighth notes. A beam labeled $11:8$ spans the first two eighth notes.

$\frac{1}{11}$ $\frac{3}{8}$

A musical staff with a $\frac{1}{11}$ time signature, followed by a $\frac{3}{8}$ time signature. The staff contains a series of eighth notes. A beam labeled $11:8$ spans the first two eighth notes.

ER 2-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$

A musical staff for ER 2-3. It starts with a $\frac{3}{15}$ time signature, followed by a $\frac{3}{16}$ time signature, then a $\frac{5}{24}$ time signature, and finally a $\frac{5}{16}$ time signature. The staff contains a series of eighth notes. Beams labeled $15:8$, $15:8$, $3:2$, and $3:2$ span groups of notes.

$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

A musical staff with a $\frac{2}{12}$ time signature, followed by a $\frac{2}{8}$ time signature, then a $\frac{3}{28}$ time signature, then a $\frac{3}{16}$ time signature, then a $\frac{1}{9}$ time signature, and finally a $\frac{1}{8}$ time signature. The staff contains a series of eighth notes. Beams labeled $3:2$, $3:2$, $7:4$, $7:4$, $9:8$, and $9:8$ span groups of notes.

ER 2-4

$\frac{9}{16}$ $\frac{4}{5}$ $\frac{9}{16}$

A musical staff for ER 2-4. It starts with a $\frac{9}{16}$ time signature, followed by a $\frac{4}{5}$ time signature, and finally a $\frac{9}{16}$ time signature. The staff contains a series of eighth notes. A beam labeled $5:4$ spans the first two eighth notes.

$\frac{1}{5}$ $\frac{9}{16}$

A musical staff with a $\frac{1}{5}$ time signature, followed by a $\frac{9}{16}$ time signature. The staff contains a series of eighth notes. A beam labeled $5:4$ spans the first two eighth notes.

```
EvenRunRhythmMaker(  
    beam_specifier=BeamSpecifier(  
        beam_each_division=False,  
        beam_divisions_together=False,  
    ),  
)
```

ER 3-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

A musical staff for ER 3-1. It contains four measures. The first measure has four eighth notes, labeled $\frac{4}{16}$. The second measure has five eighth notes, labeled $\frac{5}{16}$. The third measure has a half note, labeled $\frac{1}{2}$. The fourth measure has a beam connecting two eighth notes, labeled $\frac{2}{12}$ with a 3:2 ratio above the beam.

$\frac{1}{2}$ $\frac{2}{12}$ $\frac{4}{16}$ $\frac{5}{16}$

A musical staff with four measures. The first measure has a half note, labeled $\frac{1}{2}$. The second measure has a beam connecting two eighth notes, labeled $\frac{2}{12}$ with a 3:2 ratio above the beam. The third measure has four eighth notes, labeled $\frac{4}{16}$. The fourth measure has five eighth notes, labeled $\frac{5}{16}$. The staff ends with a double bar line.

ER 3-2

$\frac{1}{11}$ $\frac{3}{8}$

A musical staff for ER 3-2. It contains four measures. The first measure has a beam connecting two eighth notes, labeled $\frac{1}{11}$ with an 11:8 ratio above the beam. The second measure has two eighth notes, labeled $\frac{3}{8}$. The third measure has two eighth notes. The fourth measure has two eighth notes.

$\frac{1}{11}$ $\frac{3}{8}$

A musical staff with four measures. The first measure has two eighth notes. The second measure has two eighth notes. The third measure has a beam connecting two eighth notes, labeled $\frac{1}{11}$ with an 11:8 ratio above the beam. The fourth measure has two eighth notes, labeled $\frac{3}{8}$. The staff ends with a double bar line.

ER 3-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$

A musical staff for ER 3-3. It contains five measures. The first measure has a beam connecting three eighth notes, labeled $\frac{3}{15}$ with a 15:8 ratio above the beam. The second measure has a beam connecting three eighth notes, labeled $\frac{3}{16}$ with a 15:8 ratio above the beam. The third measure has four eighth notes, labeled $\frac{5}{24}$. The fourth measure has a beam connecting three eighth notes, labeled $\frac{5}{16}$ with a 3:2 ratio above the beam. The fifth measure has four eighth notes.

$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

A musical staff with six measures. The first measure has a beam connecting two eighth notes, labeled $\frac{2}{12}$ with a 3:2 ratio above the beam. The second measure has a beam connecting two eighth notes, labeled $\frac{2}{8}$ with a 3:2 ratio above the beam. The third measure has a half note. The fourth measure has a beam connecting three eighth notes, labeled $\frac{3}{28}$ with a 7:4 ratio above the beam. The fifth measure has a beam connecting three eighth notes, labeled $\frac{3}{16}$ with a 7:4 ratio above the beam. The sixth measure has a beam connecting two eighth notes, labeled $\frac{1}{9}$ with a 9:8 ratio above the beam. The seventh measure has a beam connecting two eighth notes, labeled $\frac{1}{8}$ with a 9:8 ratio above the beam. The staff ends with a double bar line.

ER 3-4

$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$

A musical staff for ER 3-4. It contains three measures. The first measure has nine eighth notes, labeled $\frac{9}{16}$. The second measure has a half note, labeled $\frac{1}{5}$ with a 5:4 ratio above the beam. The third measure has nine eighth notes, labeled $\frac{9}{16}$.

$\frac{1}{5}$ $\frac{9}{16}$

A musical staff with two measures. The first measure has a beam connecting five eighth notes, labeled $\frac{1}{5}$ with a 5:4 ratio above the beam. The second measure has nine eighth notes, labeled $\frac{9}{16}$. The staff ends with a double bar line.

```
EvenRunRhythmMaker(
    tie_specifier=TieSpecifier(
        tie_across_divisions=True,
        tie_split_notes=True,
    ),
)
```

ER 4-1

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

3:2

$\frac{1}{2}$ $\frac{2}{12}$ $\frac{4}{16}$ $\frac{5}{16}$

3:2

ER 4-2

$\frac{1}{11}$ $\frac{3}{8}$

11:8

$\frac{1}{11}$ $\frac{3}{8}$

11:8

ER 4-3

$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$

15:8 15:8 3:2 3:2

$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$

3:2 3:2 7:4 7:4 9:8 9:8

ER 4-4

$\frac{9}{16}$ $\frac{4}{5}$ $\frac{9}{16}$

5:4


$\frac{1}{5}$ $\frac{9}{16}$

5:4

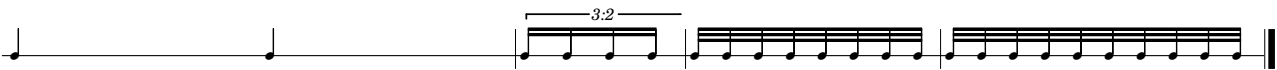
```
EvenRunRhythmMaker(  
  exponent=1,  
)
```

$\frac{4}{16}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{2}{12}$

ER
5-1



$\frac{1}{2}$ $\frac{2}{12}$ $\frac{4}{16}$ $\frac{5}{16}$



$\frac{1}{11}$ $\frac{3}{8}$

ER
5-2



$\frac{1}{11}$ $\frac{3}{8}$



$\frac{3}{15}$ $\frac{3}{16}$ $\frac{5}{24}$ $\frac{5}{16}$

ER
5-3

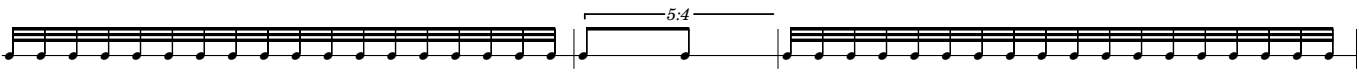


$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$



$\frac{9}{16}$ $\frac{4}{5}$ $\frac{9}{16}$

ER
5-4



$\frac{1}{5}$ $\frac{9}{16}$

