

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

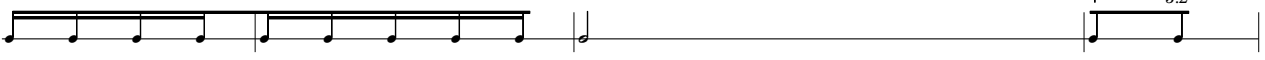
$\frac{9}{16}$ $\frac{1}{5}$ $\frac{9}{16}$

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

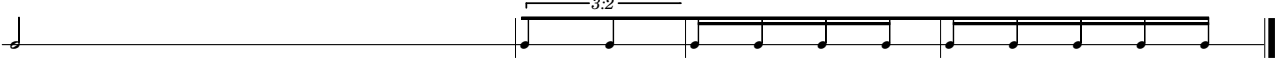
```
EvenRunRhythmMaker(  
    beam_specifier=BeamSpecifier(  
        beam_each_division=True,  
        beam_divisions_together=True,  
    ),  
)
```

ER 2-1

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



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




ER 2-2

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




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



ER 2-3

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

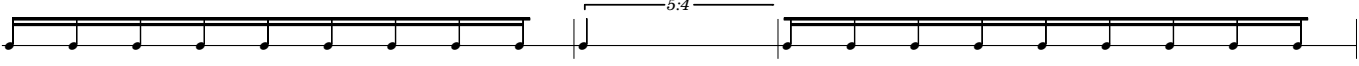


$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$




ER 2-4

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



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



```
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 $\frac{4}{16}$ above. The second measure has five eighth notes, labeled $\frac{5}{16}$ above. The third measure has a whole note, labeled $\frac{1}{2}$ above. The fourth measure has two eighth notes beamed together, labeled $\frac{2}{12}$ above, with a 3:2 ratio indicated 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 whole note, labeled $\frac{1}{2}$ above. The second measure has two eighth notes beamed together, labeled $\frac{2}{12}$ above, with a 3:2 ratio indicated above the beam. The third measure has four eighth notes, labeled $\frac{4}{16}$ above. The fourth measure has five eighth notes, labeled $\frac{5}{16}$ above. 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 two eighth notes beamed together, labeled $\frac{1}{11}$ above, with an 11:8 ratio indicated above the beam. The second measure has two eighth notes, labeled $\frac{3}{8}$ above. The third measure has two eighth notes. The fourth measure has two eighth notes. The staff ends with a double bar line.

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

A musical staff with four measures. The first measure has two eighth notes. The second measure has two eighth notes. The third measure has two eighth notes beamed together, labeled $\frac{1}{11}$ above, with an 11:8 ratio indicated above the beam. The fourth measure has two eighth notes, labeled $\frac{3}{8}$ above. 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 six measures. The first measure has three eighth notes beamed together, labeled $\frac{3}{15}$ above, with a 15:8 ratio indicated above the beam. The second measure has three eighth notes beamed together, labeled $\frac{3}{16}$ above, with a 15:8 ratio indicated above the beam. The third measure has five eighth notes beamed together, labeled $\frac{5}{24}$ above, with a 3:2 ratio indicated above the beam. The fourth measure has five eighth notes beamed together, labeled $\frac{5}{16}$ above, with a 3:2 ratio indicated above the beam. The fifth measure has five eighth notes. The sixth measure has five eighth notes. The staff ends with a double bar line.

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

A musical staff with six measures. The first measure has two eighth notes beamed together, labeled $\frac{2}{12}$ above, with a 3:2 ratio indicated above the beam. The second measure has two eighth notes beamed together, labeled $\frac{2}{8}$ above, with a 3:2 ratio indicated above the beam. The third measure has three eighth notes beamed together, labeled $\frac{3}{28}$ above, with a 7:4 ratio indicated above the beam. The fourth measure has three eighth notes beamed together, labeled $\frac{3}{16}$ above, with a 7:4 ratio indicated above the beam. The fifth measure has one eighth note, labeled $\frac{1}{9}$ above, with a 9:8 ratio indicated above the beam. The sixth measure has one eighth note, labeled $\frac{1}{8}$ above, with a 9:8 ratio indicated 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 $\frac{9}{16}$ above. The second measure has a whole note, labeled $\frac{1}{5}$ above, with a 5:4 ratio indicated above the beam. The third measure has nine eighth notes, labeled $\frac{9}{16}$ above. The staff ends with a double bar line.

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

A musical staff with two measures. The first measure has one eighth note, labeled $\frac{1}{5}$ above, with a 5:4 ratio indicated above the beam. The second measure has nine eighth notes, labeled $\frac{9}{16}$ above. 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

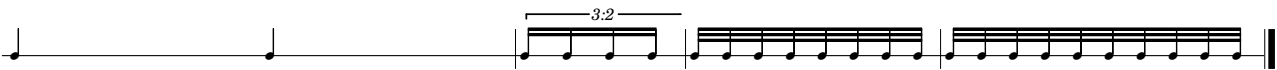
```
EvenRunRhythmMaker(  
  exponent=1,  
)
```

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

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

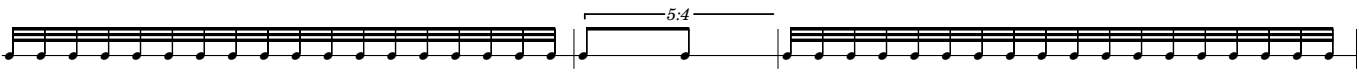


$\frac{2}{12}$ $\frac{2}{8}$ $\frac{3}{28}$ $\frac{3}{16}$ $\frac{1}{9}$ $\frac{1}{8}$



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

ER
5-4



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

