





# DIVISION OF THE BEAT


Name \_\_\_\_\_

## VALUES OF EIGHTH AND SIXTEENTH NOTES/RESTS

The beat in music can be divided into smaller values to make eighth and sixteenth notes and rests. These notes receive parts or fractions of the steady beat.

 (  $\frac{1}{4}$  ) = quarter note/rest = 1 beat per note

 (  $\frac{1}{8}$  ) = eighth note/rest = 1/2 beat per note




 (  $\frac{1}{16}$  ) = sixteenth note/rest = 1/4 beat per note

**True or False:** Do each set of notes/rests equal the same number of beats? Write "True" if they are equal or "False" if they are not equal.

1. \_\_\_\_\_  = 

5. \_\_\_\_\_  =  $\frac{1}{8}$


2. \_\_\_\_\_  +  = 

6. \_\_\_\_\_  +  = 

3. \_\_\_\_\_  = 

7. \_\_\_\_\_  = 

4. \_\_\_\_\_  +  $\frac{1}{8}$  = 

8. \_\_\_\_\_  $\frac{1}{16}$   $\frac{1}{16}$  +  =  $\frac{1}{8}$

**Musical Math:** Fill in the blank with the correct note or rest.

1.  +  = 

5.  +  +  = \_\_\_\_\_

2.  +  = \_\_\_\_\_

6.  +  = \_\_\_\_\_

3.  $\frac{1}{8}$  +  $\frac{1}{8}$  = \_\_\_\_\_

7.  $\frac{1}{8}$  -  $\frac{1}{16}$  = \_\_\_\_\_

4.  -  $\frac{1}{8}$  = \_\_\_\_\_

8. \_\_\_\_\_ -  = \_\_\_\_\_

When you are tapping the beat, the eighth and sixteenth notes get only parts or fractions of the beat. Count "1 &" for eighth notes to divide the beat and "1 e & a" for sixteenth notes. The rests are felt in the same manner only without sound. This partial beat may take some practice to understand and perform.

4/4

1 & 2 & 3 & 4 & | 1 e & a 2 e & a 3 e & a 4 e & a

Try the following exercises: Tap, clap or count.

1. 4/4

2. 3/4

Bonus

3. 2/4

Rhythmic States:

Name 3 States that have this rhythm. (Example: Delaware)

\_\_\_\_\_

Name 2 States that have this rhythm. Example: California

\_\_\_\_\_

Bonus: Can you figure out rhythm patterns for other states?

\_\_\_\_\_

State State State

Practice: Tap, clap or count aloud the following examples. Fill in the time signature.

Time Signature

1.

2.

3.