



DOTTED RHYTHMS / TIES

Name _____

DOTS ADD VALUE

Sometimes a note or rest has a **dot** after it, making that note/rest longer by half the value of the note itself. A **dotted rhythm** consists of a dotted note plus a shorter note, resulting in uneven rather than even rhythm.

Ex. A dotted half note is equal to a half note plus a quarter note.



A dotted quarter note is equal to a quarter note plus an eighth note.



All of these notes in simple meter can be followed by a dot and are named accordingly, with the dot always placed on the right side of the note:

= dotted whole note = 6 beats ($4 + 2 = 6$)

= dotted half note = 3 beats ($2 + 1 = 3$)

= dotted quarter note = $1\frac{1}{2}$ beats ($1 + \frac{1}{2} = 1\frac{1}{2}$)

= dotted eighth note = $\frac{3}{4}$ beat ($\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$)

= dotted sixteenth note = $\frac{3}{8}$ beat ($\frac{1}{4} + \frac{1}{8} = \frac{3}{8}$)

These measures containing undotted patterns below have the same number of beats as the measures with dotted patterns directly underneath. First write the counts below each undotted and dotted pattern, then clap the undotted patterns, followed by the dotted patterns. Divide the class into two groups, having one group pat the undotted measures as the other half of the class claps the dotted patterns at the same time.

a. $\frac{4}{4}$

b. $\frac{4}{4}$

c. $\frac{4}{4}$

MATH AND DOTS

Remember that a dot after a note augments that note by adding half the value of the note. Fill in the number of beats given each of these dotted notes.

 = _____
  = _____
  = _____
 = _____

Fill in these blanks.

If a  = 2 beats, then a  = _____ beats.

If a  = 4 beats, then a _____ = _____ beats.

If a  = 1 beat, then a  = _____ beats.



Using a line from the poem, "Talkin' Blues", first clap and say the line with no dotted notes (straight eighth notes), then repeat it, adding the dots to the notes as shown.













Ex.

DOTTED RESTS













A **dot** added to a **rest** also extends its duration by one-half, just like the corresponding notes, as shown by this chart.

Ex.

Dotted Rests

	=		+	
	=		+	
	=		+	
	=		+	

Dotted Notes

	=		+	
	=		+	
	=		+	
	=		+	

TIES

It is possible to join successive notes that are of the same pitch, by using a curved line to connect them, known as a **tie**. The first note is sounded, then held for the time duration of both the notes without the second note being sounded again. Notes of any value can be tied together as needed. The **tie** acts as a plus sign, extending the value of the first note.

Ex.

Clap and count these measures with tied notes.

