

Nine Leaves

Math for your ears!

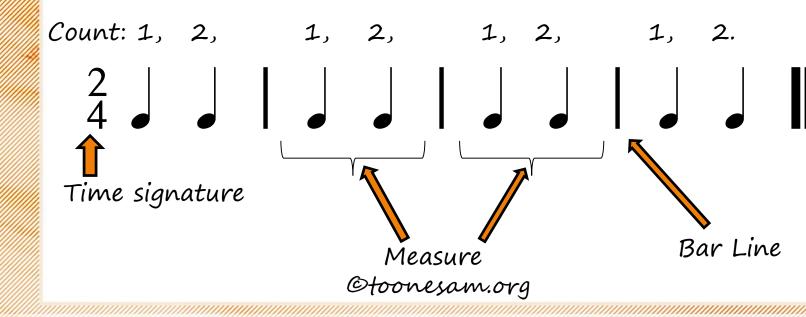


Vocabulary review:

Time Signature: It tells you how the music should be counted.

Measure: A specific number of beats defined by the time signature.

Bar Line: A vertical straight line between measures.



Answer page: (Part 1.)



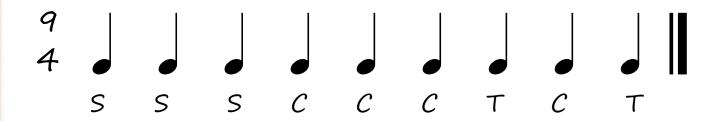
- 1) The pattern was repeated 3 times.
- 2) You just heard 3 measures.
- 3) There were 9 beats in each measure.
- 4) So there were 27 beats altogether in the whole piece.

Explanation: 3 groups of 9 beats = 27 beats
$$3 * 9 = 29$$

Answer page:

(part 2.)

The pattern was:



The repeated pattern was:

Create you own music game!

Here is how:

- 1. Print out the "Create you own music" page.
- 2. Make a music pattern and write the name of each musical movement right below the beat itself.
- 3. Print out the "Student's Answer Page" and hand it to your friend.
- 4. Play your pattern first.
- 5. Name the movements in the pattern.
- 6. Repeat the pattern as many times as you wish, then ask your friend to fill out the blanks at the bottom of his/her page.

	Create your own music! Name:								
	All you have to do is write a "T" for a tap, or an "S" for a snap, or a "C" for a clap on the lines below the beats. The "T", and "S" and "C" are called musical movements Pattern:								
	9								
	(Names of								
	movemen Repeated pattern: (You can choose how many measures you want, up to 5).								
	I'm going to repeat my pattern times. There will be beats in each measure, so beats altogether in the whole piece.								
©toonesam.org	Explanation : groups of 9 beats = beats * 9 =								

<u>Student's Answer Page</u>						Name:				
Pattern:										
9 4									(Names of the	
Fill in the blanks: The pattern was repeated times.										
There were 9 beats in each measure. So there were beats altogether in the whole piece.										
Explanat	ion:		gro * 9	ups (of 9	beat	:s = _		beats	
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You are fantastic! Thank you!

