



Two Dogs Are Playing

Multiply by 2
Math-Music
Game

Math for your
ears!



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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.

Count: 1, 2, 1, 2, 1, 2, 1, 2.

The diagram illustrates musical notation in 2/4 time. It shows four measures, each containing two quarter notes. The first measure is labeled with a time signature of 2/4. The first measure is also labeled with an upward-pointing arrow as 'Time signature'. The first two measures are grouped by a bracket and labeled with an upward-pointing arrow as 'Measure'. The vertical line between the second and third measures is labeled with an upward-pointing arrow as 'Bar Line'. The notes are represented by quarter notes with stems pointing up.

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Answer page:
(Part 1.)



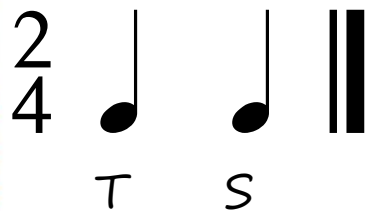
- 1) The pattern was repeated 4 times.
- 2) You just heard 4 measures.
- 3) There were 2 beats in each measure.
- 4) So there were 8 beats altogether in the whole piece.

Explanation : 4 groups of 2 beats = 8 beats
 $4 * 2 = 8$

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.

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Name: _____

Create your own music!

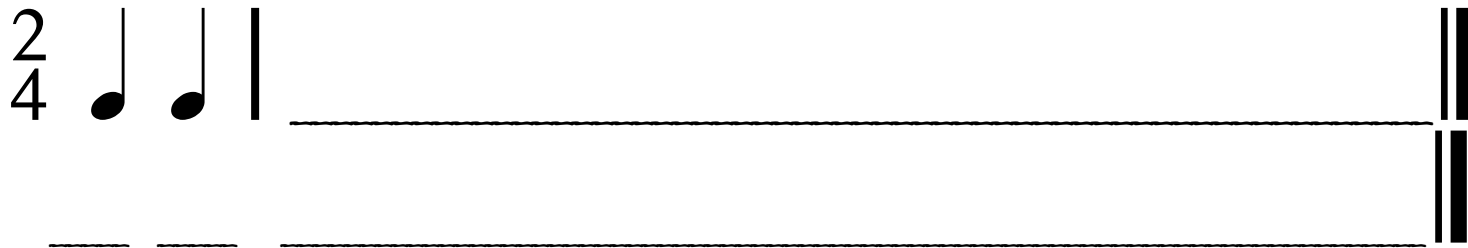
All you have to do is write a "T" for a tap, or an "S" for a snap, or a "C" for a clap on the lines below the beats. The "T", and "S" and "C" are called musical movements.

Pattern:



_____ (Names of the movements)

Repeated pattern: Draw your beats and bar lines, then write the names of the movements! You can choose how many measures you want, up to 6.



*You are fantastic!
Thank you!*

