



# The Four Colors

Math for your ears!

©toonesam.org



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. Brackets under each pair of notes are labeled 'Measure', and vertical lines between them are labeled 'Bar Line'. An orange arrow points from the text 'Time signature' to the 2/4 symbol. Another orange arrow points from the text 'Measure' to the bracket under the first two notes. A third orange arrow points from the text 'Bar Line' to the vertical line between the second and third measures.

Time signature

Measure

Bar Line

©toonesam.org

Answer page:  
(Part 1.)

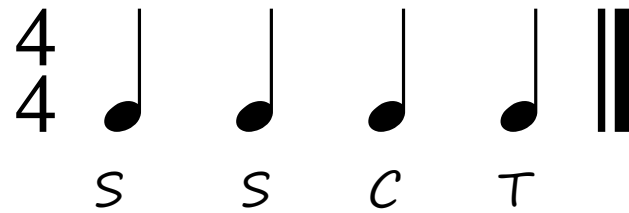


- 1) The pattern was repeated 3 times.
- 2) You just heard 3 measures.
- 3) There were 4 beats in each measure.
- 4) So there were 12 beats altogether in the whole piece.

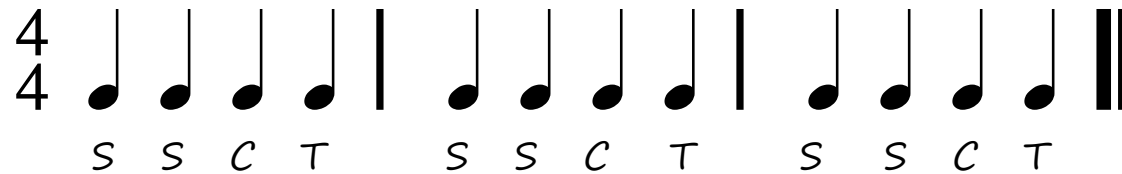
Explanation : 3 groups of 4 beats = 12 beats  
 $3 * 4 = 12$

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.

©toonesam.org

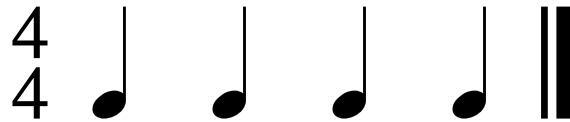




Student's Answer Page

Name: \_\_\_\_\_

Pattern:



\_\_\_\_\_ (Names of the movements)

Fill in the blanks:

The pattern was repeated \_\_\_\_\_ times.

There were 4 beats in each measure. So there were \_\_\_\_\_ beats altogether in the whole piece.

Explanation : \_\_\_\_\_ groups of 4 beats = \_\_\_\_\_ beats  
\_\_\_\_\_ \* 4 = \_\_\_\_\_

*You are fantastic!  
Thank you!*

