The
Four
Colors

Math for your
ears!

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Academic Music

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.

$\frac{2}{4}$

Time signature

Measure
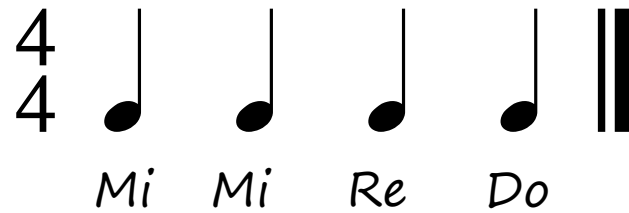
Bar Line

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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

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Answer page:
(part 2.)

The pattern was:

$\frac{4}{4}$ ♩ ♩ ♩ ♩ ‖

Mi   Mi   Re   Do

The repeated pattern was:

$\frac{4}{4}$ ♩ ♩ ♩ ♩ | ♩ ♩ ♩ ♩ | ♩ ♩ ♩ ♩ ‖

Mi Mi Re Do   Mi Mi Re Do   Mi Mi Re Do

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 note right below the note itself.

3. Print out the "Student's Answer Page" and hand it to your friend.

4. Play your pattern first, using your tablet or keyboard.

5. Name the notes in the pattern. Use hand signs!

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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Create your own music!
Use the following 3 notes: Do, Re and Mi.

Pattern:

$\frac{4}{4}$ ♩ ♩ ♩ ♩ ‖

___ ___ ___ ___   (Names of the notes)

Repeated pattern:
(You can choose how many measures you want, up to 6).
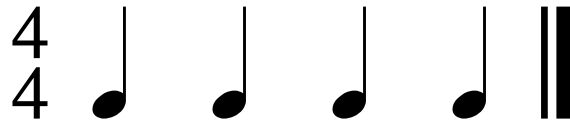
I'm going to repeat my pattern _____ times.

There will be ____ beats in each measure, so ____ beats altogether in the whole piece.

Explanation : ____ groups of 4 beats = ____ beats
____ * 4 = ____

Name:_____

Pattern:

$$\frac{4}{4} \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \|$$

___ ___ ___ ___   (Names of the notes)

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 = ___

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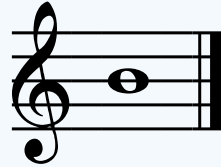
Hand Signs   Recorder Fingering Chart   Music Notes
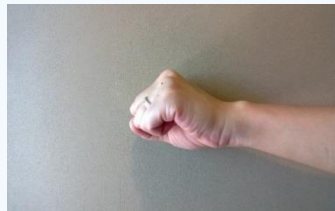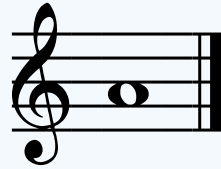
Note B (Mi)

Left Hand Fingers:
Front: Pointer
Back: Thumb

Note A (Re)
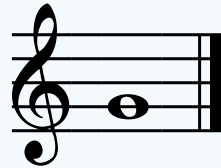
Left Hand Fingers:
Front: Pointer &
Middle
Back: Thumb

Note G (Do)

Left Hand Fingers:
Front: Pointer,
Middle & Ring
Back: Thumb

You are fantastic!
Thank you!