

# Counting Beats



## Warm Up:

Igor, Chynna, Courtney, Sam, and Athena are in a music room and each plays one instrument. The music room contains a piano, cello, guitar, violin, and drums.


- Courtney, Igor and Sam play instruments with strings.
- Igor, Chynna, and Athena play instruments that do not use bows.
- Courtney plays a small instrument.
- Igor does not play the piano.
- Sam plays a large instrument.
- Chynna does not play the guitar.
- Athena plays an instrument with many pieces.


What instrument does each person play?

Music is made up of notes. These notes represent pitch and the duration of a musical sound. In this lesson, we will be focusing on the duration of the musical sound.


## Section I: Quarter, Half and Whole Notes.

There are different kinds of musical notes:

Very often in music,  corresponds to the number 1.

 = *quarter note* = 1 beat.

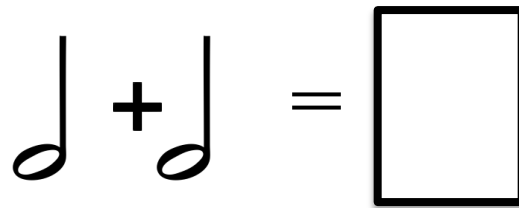
 = *half note* = 2 beats.

 = *whole note* = 4 beats.

Question 1:

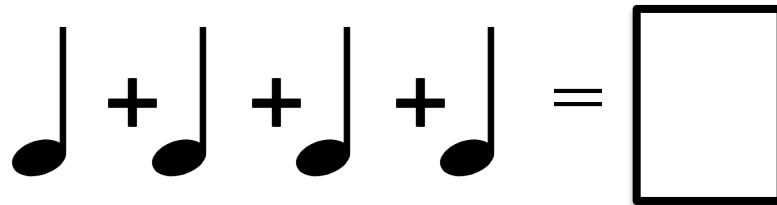
a) How many half notes does it take to make a whole note?

b) Write as a single note:

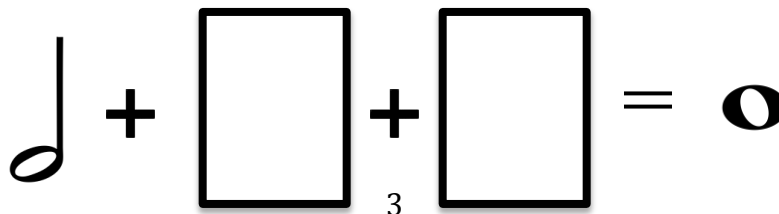


c) How many quarter notes does it take to make a whole note?

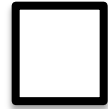
d) Write as a single note:



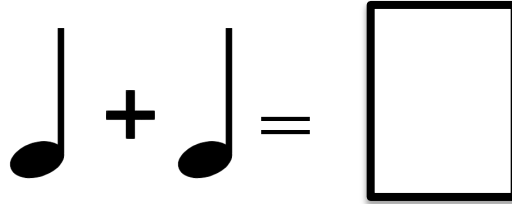
e) Add several *quarter notes* to a *half note* to make a *whole note*:  
*note*:



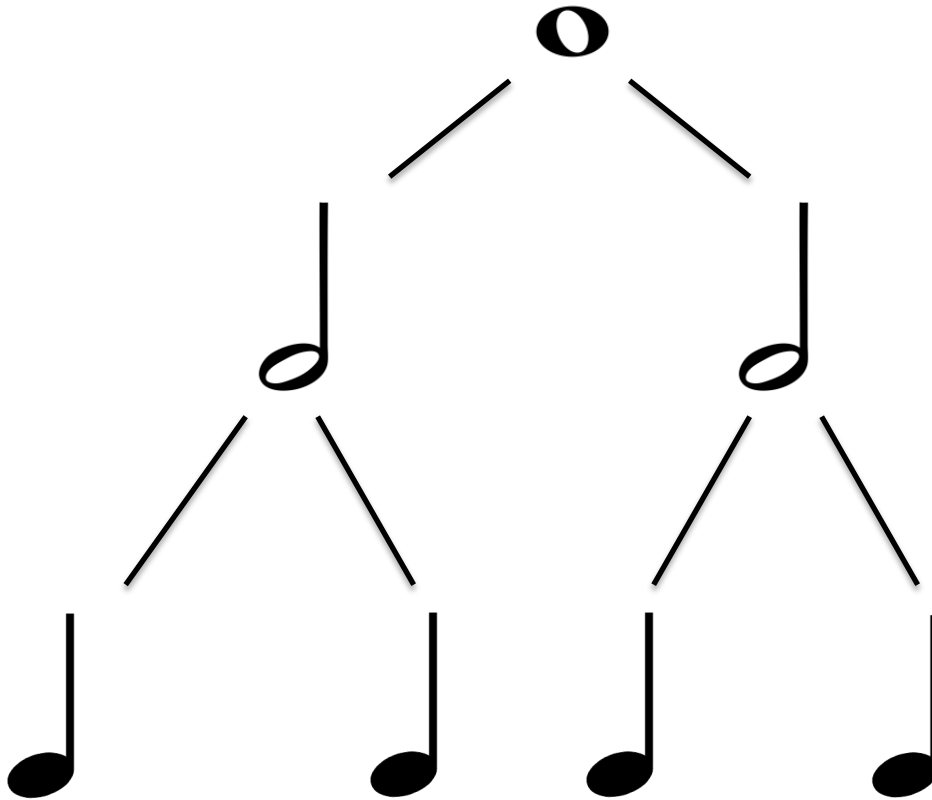
f) How many quarter notes are there in a half note?



g) Write as a single note:



h) Explain the following picture:



Question 2:

a.

$$\text{O} = \text{J} + \boxed{\phantom{\text{J}}}$$

b.

$$\text{J} = \text{J} + \boxed{\phantom{\text{J}}}$$

c.

$$\text{O} = \text{J} + \text{J} + \text{J} + \boxed{\phantom{\text{J}}}$$

d.

$$\text{J} + \text{J} = \text{J} + \boxed{\phantom{\text{J}}} + \boxed{\phantom{\text{J}}}$$

e.

$$\text{O} = \text{J} + \text{J} + \boxed{\phantom{\text{J}}}$$

f.

$$\text{♪} + \text{♪} + \text{♪} = \boxed{\phantom{\text{♪}}} + \boxed{\phantom{\text{♪}}}$$

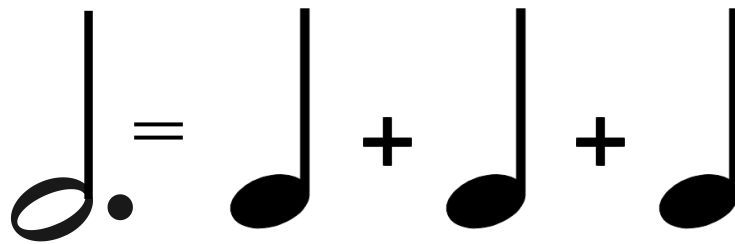
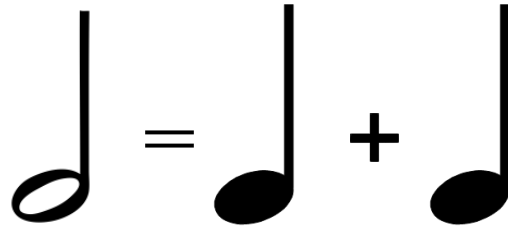
g.


$$\text{♩} + \text{♪} = \text{♪} + \text{♪} + \text{♪} + \text{♪} + \boxed{\phantom{\text{♪}}} + \boxed{\phantom{\text{♪}}}$$

h.


$$\text{♩} + \text{♩} = \text{♪} + \text{♪} + \text{♪} + \boxed{\phantom{\text{♪}}} + \boxed{\phantom{\text{♪}}}$$

## Section II: Dotted Notes



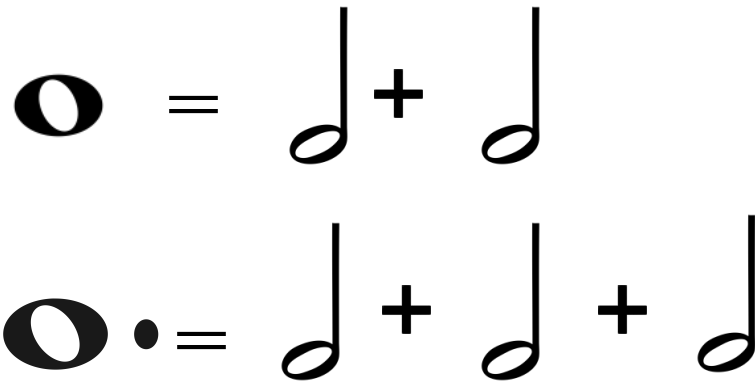
In music,  is called a *dotted half note*.


Question 1:

a. How many beats are in  ?

b. Compared to the *half note*, how many more beats does the *dotted half note* have?

Question 2:



a. How many beats are in  ?

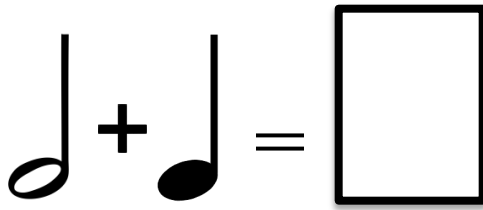
b. Compared to the *whole note*, how many more beats does the *dotted whole note* have?

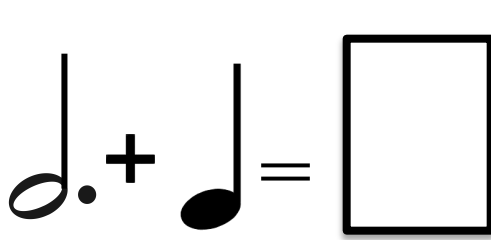
Question 3:

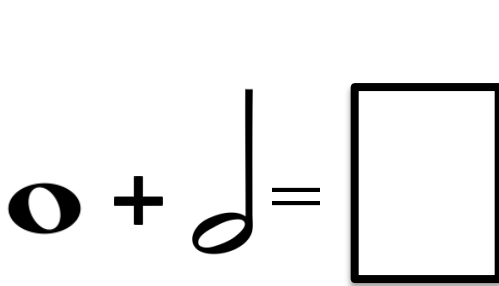
How does the dot affect the length of notes?

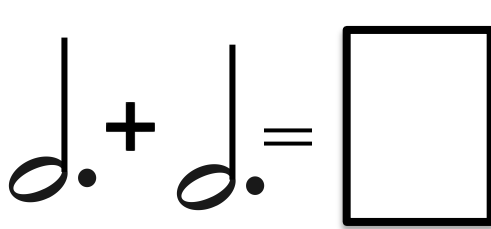


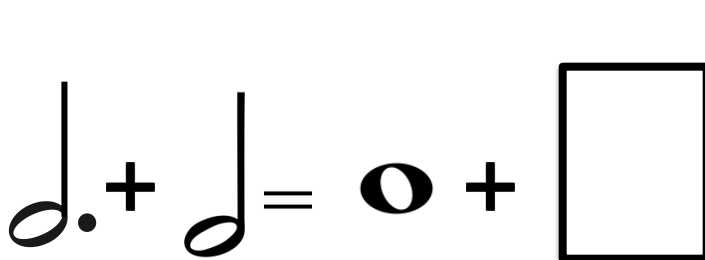
Question 4:

a) 

b) 

c) 

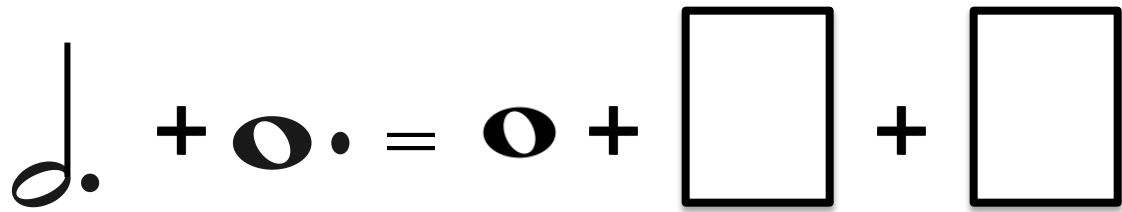
d) 

e) 

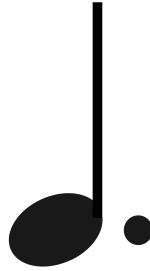
f)

$$\text{O} \cdot + \text{O} \cdot = \text{O} + \text{O} + \boxed{\phantom{00}}$$

g)



Challenge Question:



a. What is the name of the note above?

b. How many beats are contained in the note above (Write as a number)?

c. Fill in the notes:



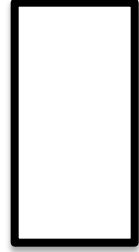
Twin-kle,



Twin-kle,



Little



Star.



How I



Won-der



What You



Are.