

Diatonically Division

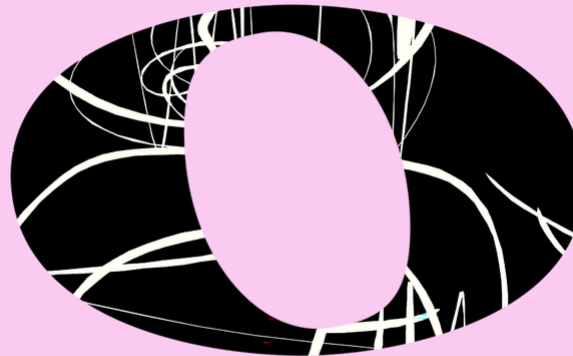
Written by Riley Linger



Division takes place all throughout our lives! Even in music! Lets break it down!

First lets look at different kinds of notes!

This is a whole note!



An easy way to remember its name is it has a hole right in the middle of it!

A WHOLE is equal to **4 BEATS** or **4 DIVISION VALUES**

This is a **HALF NOTE!**

A **HALF NOTE** is half the duration of a **WHOLE NOTE**.

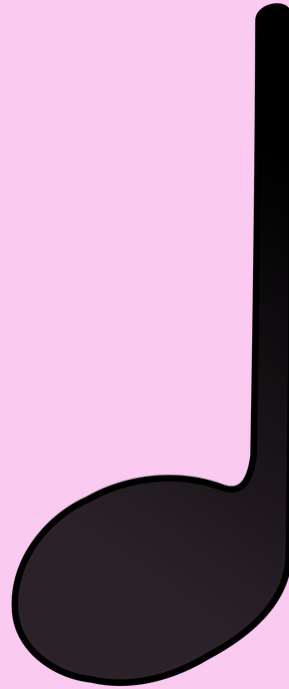


A **HALF NOTE** is equal to **2 BEATS** or **2 DIVISION VALUES**

2 HALF NOTES is equal to **1 WHOLE NOTE**

$$4 \div \frac{1}{2} = 2$$

This is a **QUARTER NOTE**



A **QUARTER NOTE** is half the duration of a **HALF NOTE!**

A **QUARTER NOTE** is equal to **1 BEATS** or **1 DIVISION VALUES**

1 HALF NOTE is equal to 2 **QUARTER NOTE**

$$\frac{1}{2} \div \frac{1}{4} = 2$$



This is an **EIGHTH NOTE!** It can look like this!

An **EIGHTH NOTE** is equal to **HALF** of a **QUARTER NOTE**

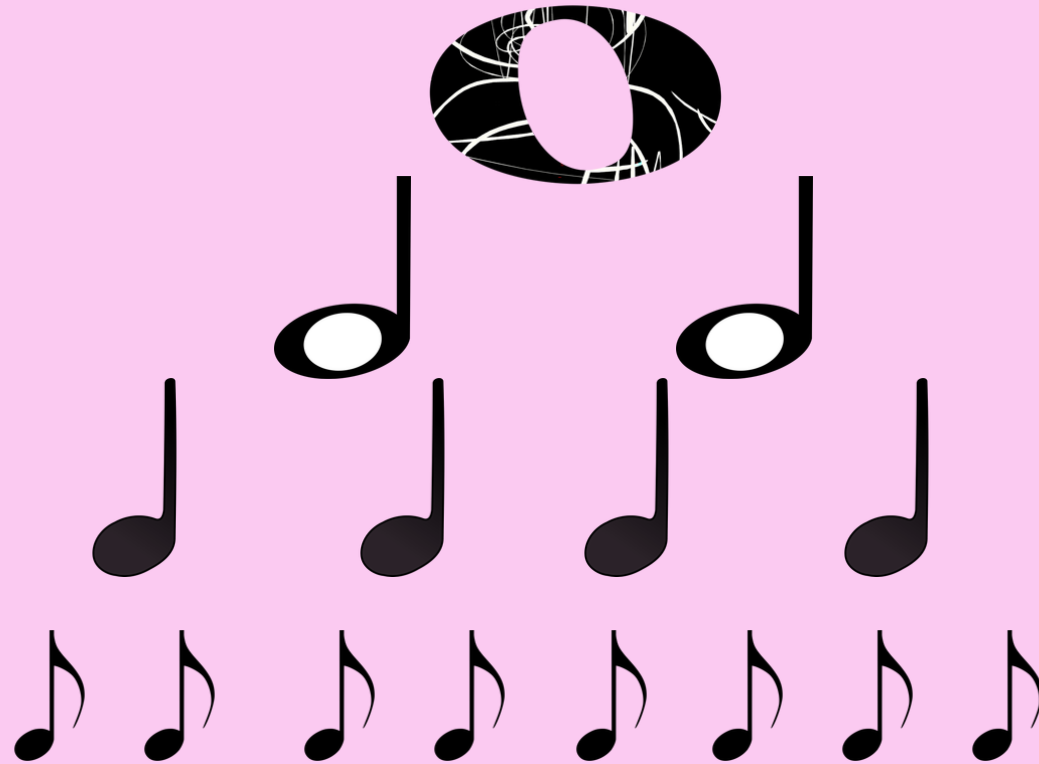


Or this!

2 EIGHTH NOTES are equal to **1 QUARTER NOTE**

$$\frac{1}{4} \div \frac{1}{8} = 2$$

LET'S RECAP!





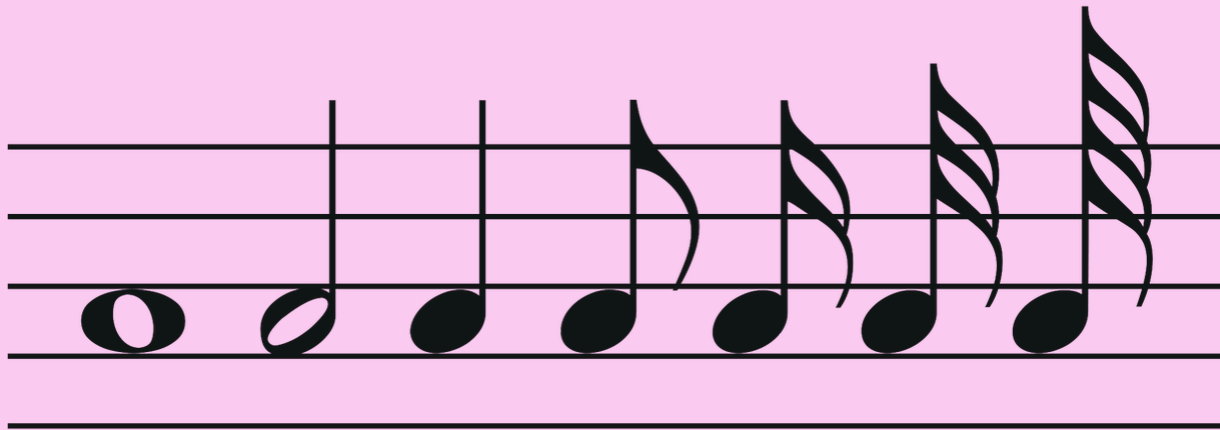
LET'S RECAP!



1 WHOLE NOTE = 2 half notes, 4 quarter notes & 8 eighth notes!

1 HALF NOTE = 2 quarter notes & 4 eighth notes!

1 EIGHTH NOTE = 8 sixtieth notes & so much more!



Math is all around us and involved in a of the different things we love. Music is just one of the few things that involves math all throughout it! Next time you sing your favorite song or order a pizza, think about how you can relate it to you math lesson that day!

