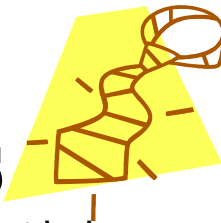


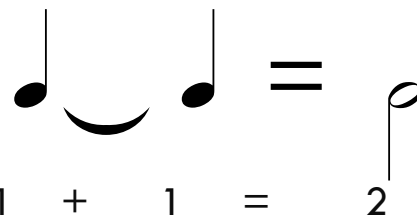


**TIES**



**Ties** tell you to **do addition** with the note values.

Lay two **quarter note pieces** over one **half note piece**. Are they equal in size?  
Yes! So we can say:



We can also write it in numbers:

Using the pieces in your packet, invent **four more ways** to create a half note using ties. Then, write the math underneath. I have done one for you.



$$\frac{1}{2} + \frac{1}{2} + 1 = 2$$

Solve these **tie math problems**. Use your note pieces for help. Write the missing note in the square. Underneath, write the math. Some of the math is done for you.

$$\text{♩} \text{---} \text{♩} = \square$$

$$2 + \underline{\quad} = \underline{\quad}$$



$$\text{♩} \text{---} \text{♩} = \square$$

$$\frac{1}{2} + \frac{1}{2} = \underline{\quad}$$

$$\text{♩} \text{---} \text{♩} \text{---} \text{♩} \text{---} \text{♩} = \square$$

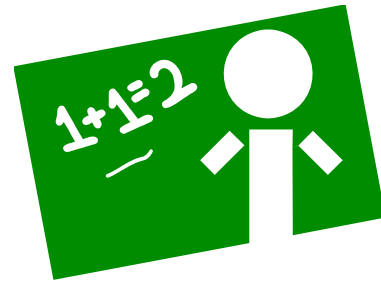
$$\frac{1}{2} + \frac{1}{2} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\text{♩} \text{---} \text{♩} \text{---} \text{♩} \text{---} \text{♩} = \square$$

$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \underline{\quad}$$

$$\text{♩} \text{---} \text{♩} \text{---} \text{♩} \text{---} \text{♩} \text{---} \text{♩} = \square$$

$$\underline{\quad} + \underline{\quad} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \underline{\quad}$$



$$\text{♩} \text{---} \text{♩} \text{---} \text{♩} = \square$$


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$$\text{♩} \text{---} \text{♩} \text{---} \text{♩} \text{---} \text{♩} = \square$$


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$$\text{♩} \text{---} \text{♩} \text{---} \text{♩} \text{---} \text{♩} \text{---} \text{♩} = \square$$


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$$\text{♩} \text{---} \text{♩} \text{---} \text{♩} \text{---} \text{♩} = \square$$


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How many ways can you use ties to equal a **whole note**?

Write them below, with the math underneath.

The team with the most correct answers will be our **percussionists** next week!

