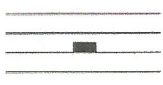






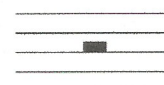
MUSICAL MATH



4/4 time (which means a whole rest = 4 beats), add, subtract, multiply and divide the following equations. Write the answers as numbers, with your non-dominant hand. Watch out for the dotted notes!



Addition (+)



1)  +  = 3
2 + 1



2)  +  = 5
4 + 1



3)  +  = 3
1 + 2

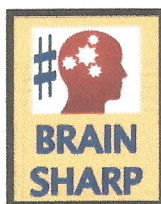
4)  +  = 4½
½ + 4

5)  +  = 2
½ + 1½

6)  +  = 6
2 + 4

7)  +  = 4½
1½ + 3

8)  +  = 5
4 + 1



Here are some *super challenges* to train your musical brain!

Addition (+) and Subtraction (-)

9) $\text{Quarter Note} + \text{Half Note} - \text{Whole Note} = 0$
 $1 + 3 - 4$

10) $\text{Quarter Note} + \text{Half Note} - \text{Quarter Note} = 2\frac{1}{2}$
 $1 + 2 - \frac{1}{2}$

Addition (+), Subtraction (-), Multiplication (x) and Division (\div)

11) $\text{Whole Note} + \text{Quarter Note} + \text{Half Note} + \text{Quarter Note} + \text{Whole Note} - \text{Half Note} = 9\frac{1}{2}$
 $1 + 1 + 4 + 3 + 2 - 1\frac{1}{2}$

12) $\text{Quarter Note} + \text{Half Note} \times \text{Whole Note} - \text{Half Note} \div \text{Whole Note} + \text{Quarter Note} = 8$
 $1 + 3 \times 4 - 2 \div 2 + 1$

13) $\text{Whole Note} \times \text{Half Note} \times \text{Quarter Note} \div \text{Half Note} \times \text{Quarter Note} - \text{Whole Note} + \text{Whole Note} = 3$
 $4 \times 3 \times 2 \div 6 - 2 + 1$



"It's difficult for me to be a beginner. When I make mistakes playing a piece, I think that I ought to be learning faster. But I know that when something feels challenging and new, I'm getting the best brain workout. I remind myself to relax and enjoy the process of learning. It's ok to be a beginner. It's actually very courageous!" -Edward, age 76