

- ① \_\_\_\_\_ is the father of Mathematics + Music.
- ② When a string is shortened by  $\frac{1}{2}$ , the tone changes by an \_\_\_\_\_.
- ③ What was the secret sign of the Pythagoreans? \_\_\_\_\_  
What is this called? \_\_\_\_\_
- ④ The proportions of the \_\_\_\_\_ are found in the Parthenon + other examples of classic Greek architecture
- ⑤ Pentagon shapes that appear in nature are:  
\_\_\_\_\_
- ⑥ Games (and sports) played on a geometric area are:  
\_\_\_\_\_
- ⑦ In 3 cushion billiards, the cue ball must hit 2 \_\_\_\_\_  
and 3 \_\_\_\_\_.
- ⑧ The method used in billiards is called \_\_\_\_\_ the \_\_\_\_\_
- ⑨ Describe the condition of Donald's mind:
- ⑩ A slice of a sphere can result in a \_\_\_\_\_ or \_\_\_\_\_
- ⑪ Slicing a cone in various ways results in: \_\_\_\_\_
- ⑫ Where is it that we conceive of infinity? \_\_\_\_\_
- ⑬ Galileo said " \_\_\_\_\_ is the alphabet with which God has written the \_\_\_\_\_.