## NOTES

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# The Problem of the Calissons 可知烦问



GUY DAVID

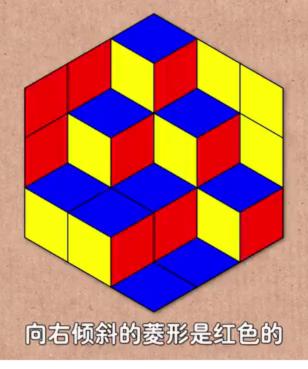
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A calisson is a French sweet that looks like two equilateral triangles meeting along an edge. Calissons could come in a box shaped like a regular hexagon, and their packing would suggest an interesting combinatorial problem. Suppose a box with side of length n is filled with sweets of sides of length 1. The long diagonal of each calisson in the box is parallel to one of three different lines, as in the picture.

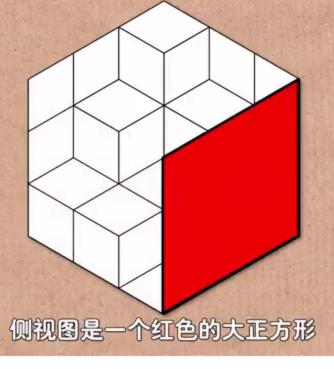






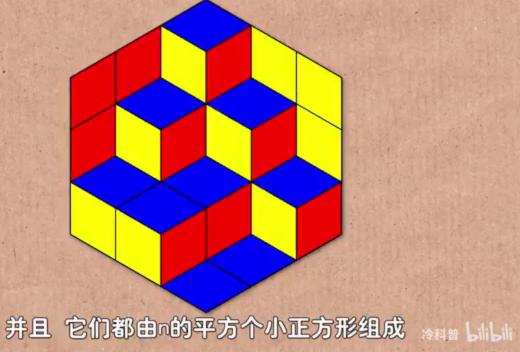
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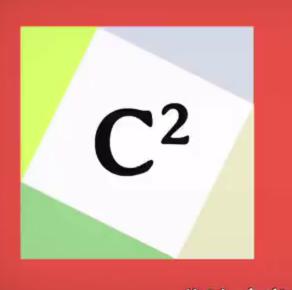


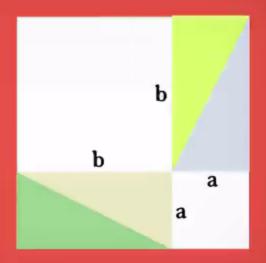


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此时 空出来的位置

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### **运弯药制**:

The Problem of the Calissons—Guy David and Carlos Tomei Problem of calissons—Gábor Damásdi Proof without words—Wikipedia

#### 积频素机:

Pythagorean theorem water demo——0000000130

How many ways are there to prove the Pythagorean theorem? - Betty Fei-TED-Ed

How It's Made: Calissons-Science Channel

Ma recette de calisson d'Aix-Les secrets de Muriel

#### 背景音乐:

みかん箱 - ひやむぎ、そ一めん、时々うどん

