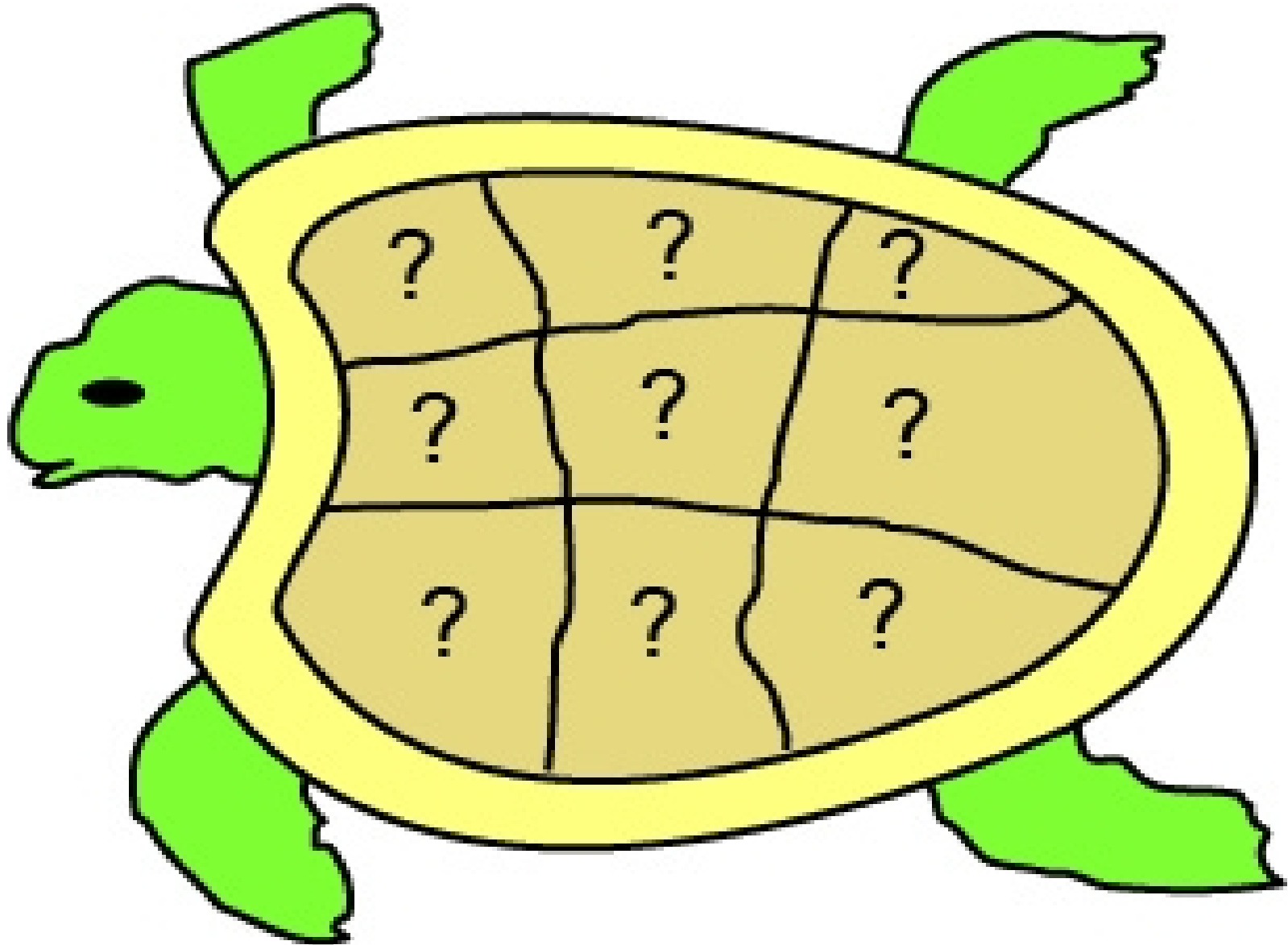


2000 ans  
d'énigmes mathématiques  
à utiliser dans nos classes

Marie-José Pestel  
(Comité International  
des Jeux Mathématiques)

Michel Criton  
(Fédération Française  
des Jeux Mathématiques)

# Le Lo Shu





1

2

3

4

5

6

7

7

6

5

4

3

2

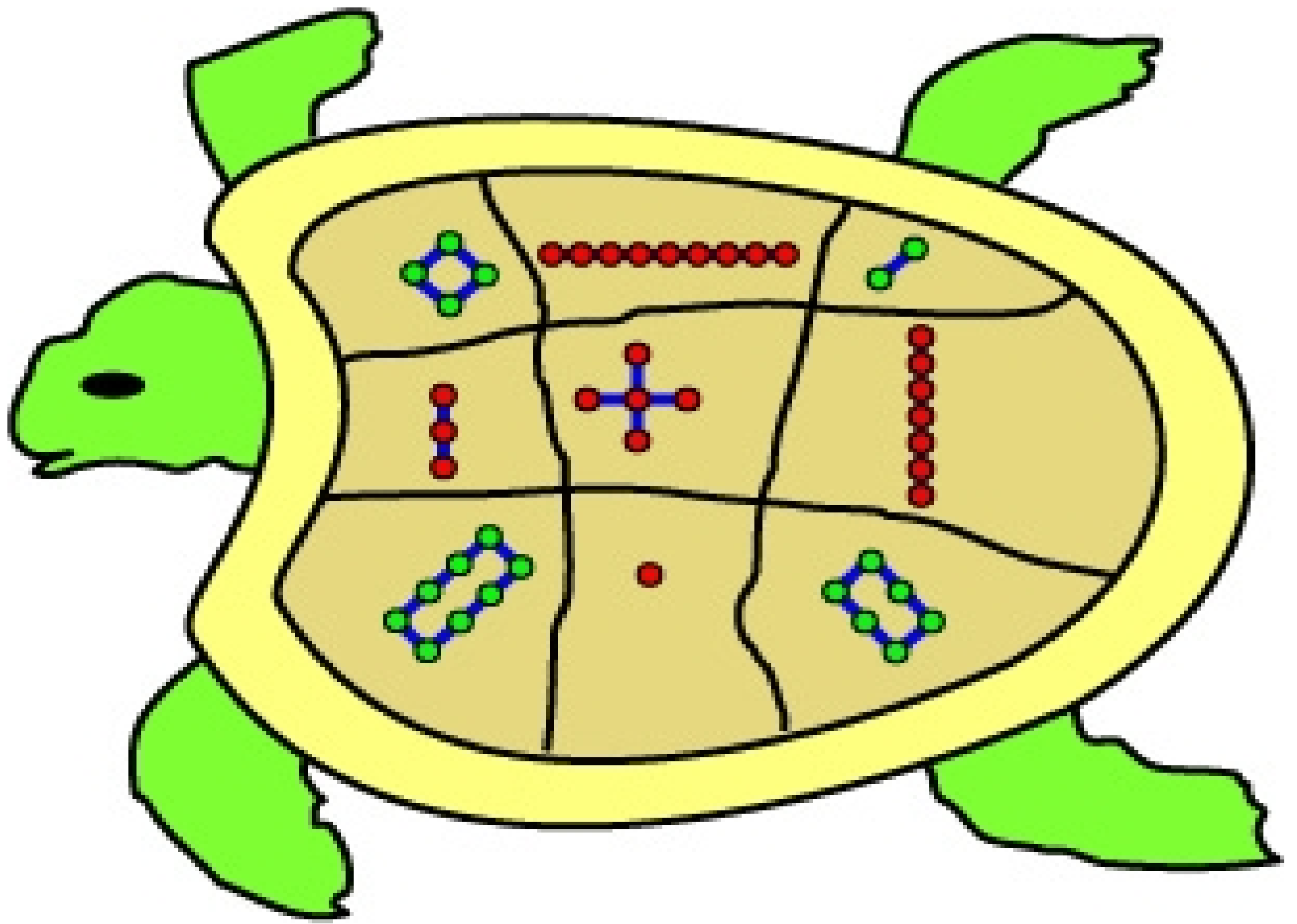
1

$$1 + 5 + 9 ; 2 + 6 + 7$$

$$1 + 6 + 8 ; 3 + 4 + 8$$

$$2 + 4 + 9 ; 3 + 5 + 7$$

$$2 + 5 + 8 ; 4 + 5 + 6.$$



sur [www.multimagie.com](http://www.multimagie.com)  
(site de Christian Boyer)

$$373^2$$

$$289^2$$

$$565^2$$

$$360721$$

$$425^2$$

$$23^2$$

$$205^2$$

$$527^2$$

$$222121$$

# Découpages d'un carré

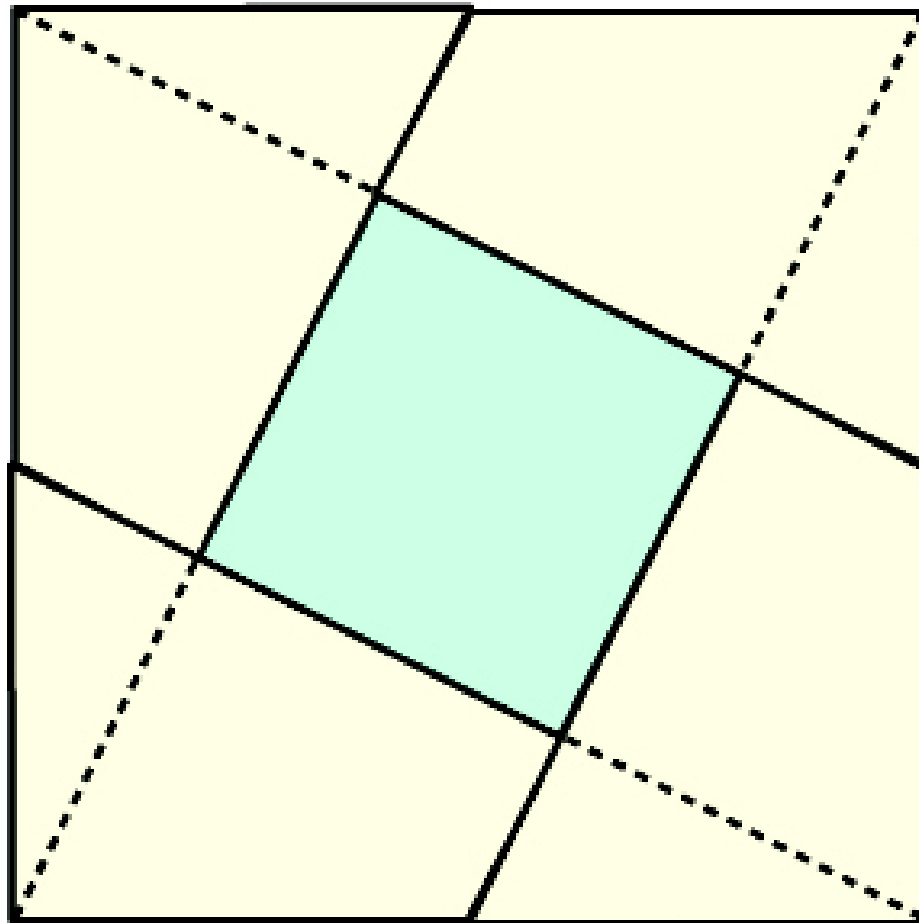


Abu I Wafa al Buzjani  
(vers 940 – 998)

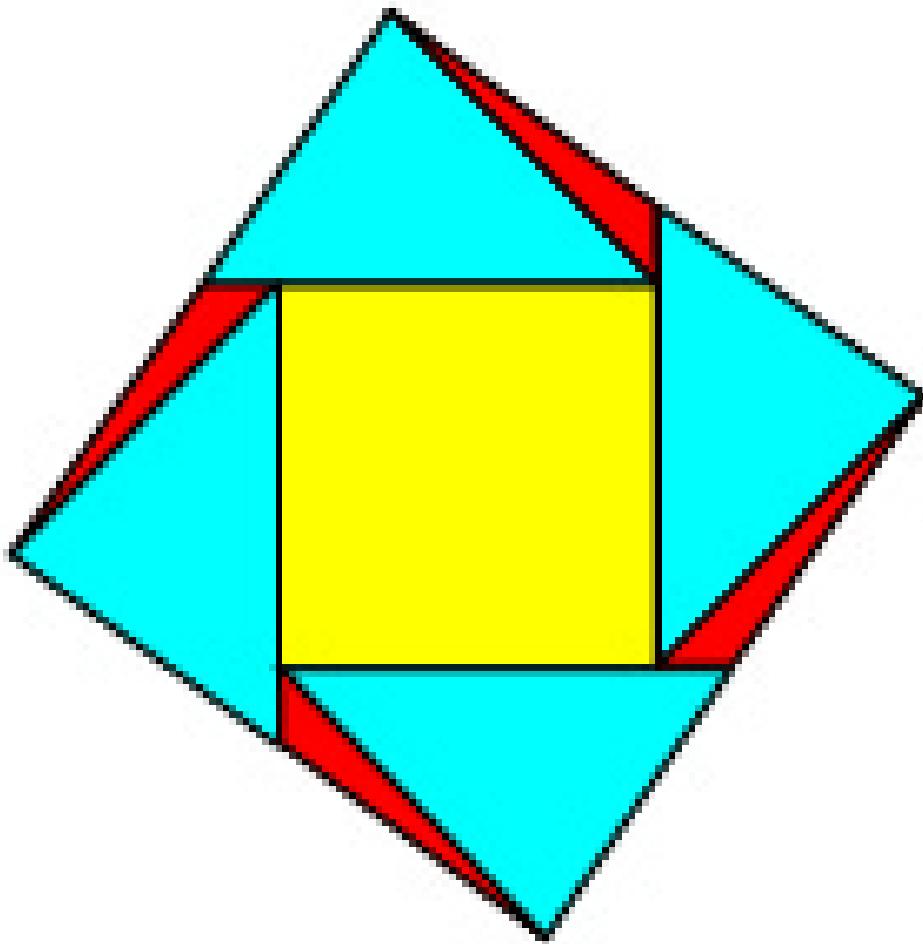
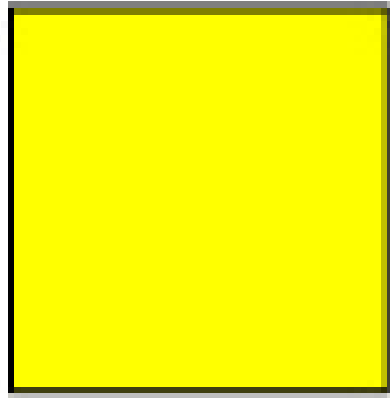
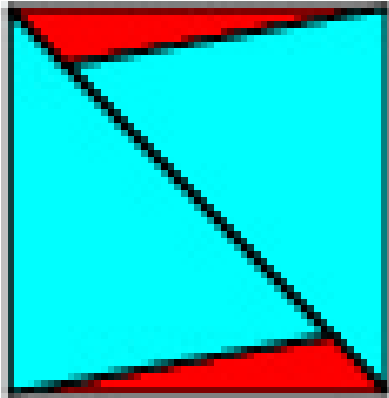
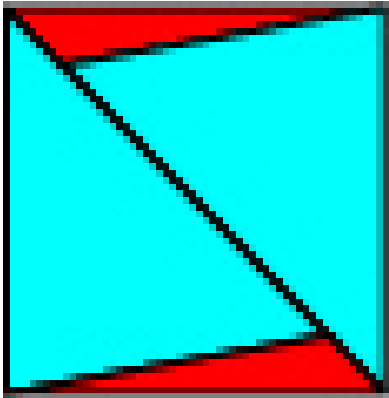
*Sur l'indispensable  
aux artisans en fait de  
construction*

*(Kitab al-Handasa)*

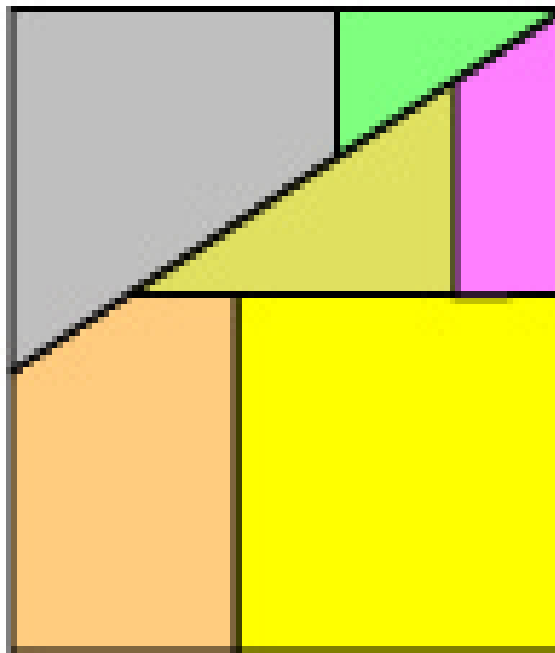
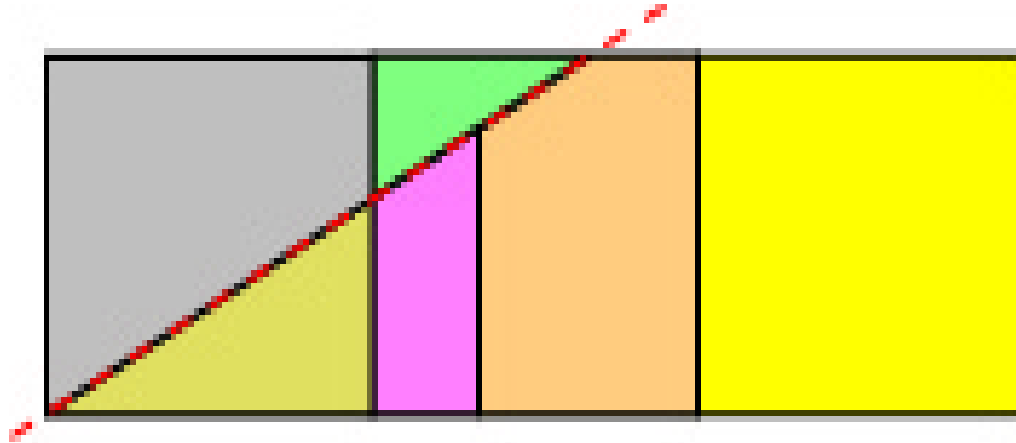
Découpage d'un carré en neuf morceaux permettant de former cinq petits carrés identiques







# Henry Perigal (1891)



# Pach – Beauvillain (2010)

