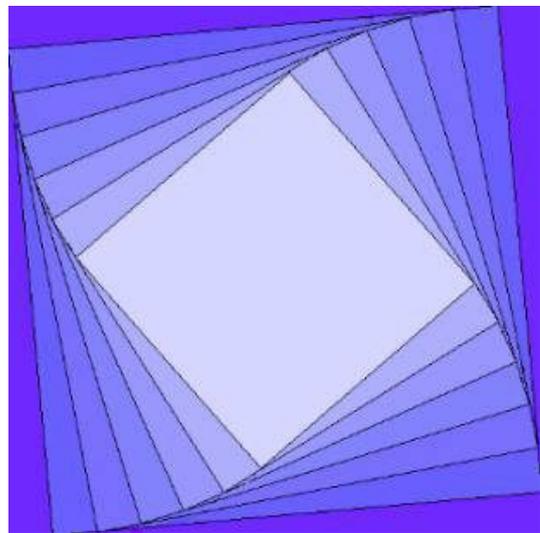
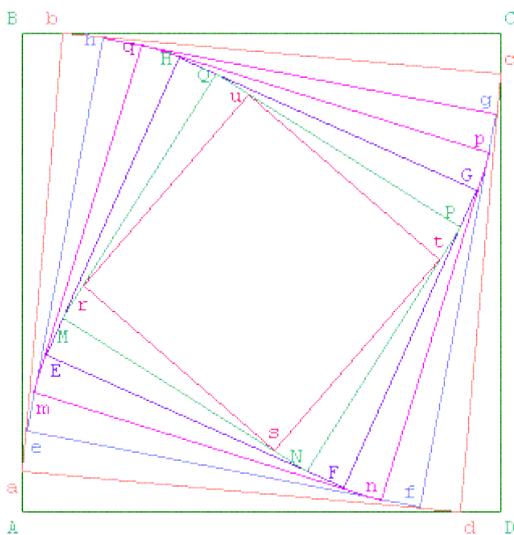


## Street Art #3

From the book *La géométrie pour le plaisir* – J. & L. DENIERE

Steps:

- 1) Built a square ABCD of side 10 cm.
- 2) Locate the point a on the side [AB] such that  $Aa=1\text{cm}$ .  
Locate the point b on the side [BC] such that  $Bb=1\text{cm}$ .  
Locate the point c on the side [CD] such that  $Cc=1\text{cm}$ .  
Locate the point d on the side [AD] such that  $Dd=1\text{cm}$ .
- 3) Join [AB], [BC], [CD] and [AD].
- 4) Locate the point e on the side [ab] such that  $ae=1\text{cm}$ .  
Locate the point f on the side [bc] such that  $bf=1\text{cm}$ .  
Locate the point g on the side [cd] such that  $cg=1\text{cm}$ .  
Locate the point h on the side [ad] such that  $dh=1\text{cm}$ .
- 5) Join [ef], [fg], [gh] and [he].
- 6) Do the same for the other squares mnpq, EFGH, MNPQ and urst.
- 7) Choose a gradation of some colour or just 2 colours and let's paint!



Have a try on paper, blank or squared sheet.

Let's brighten up the street, the playground, using chalks. And make an ephemeral piece of art!

Tag us on social media and let us know of your artworks. #StreetMath #MathsArt

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