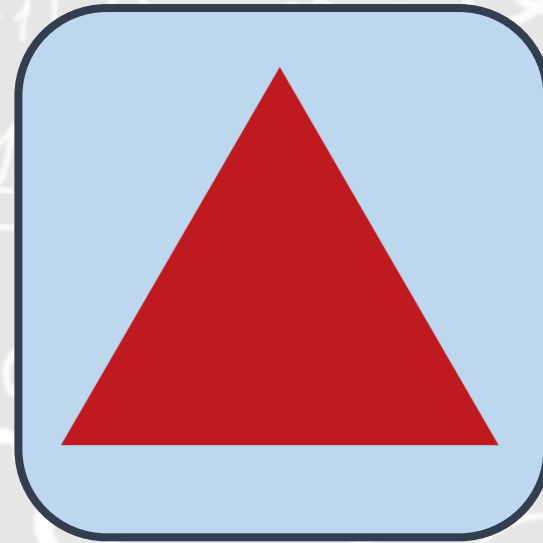
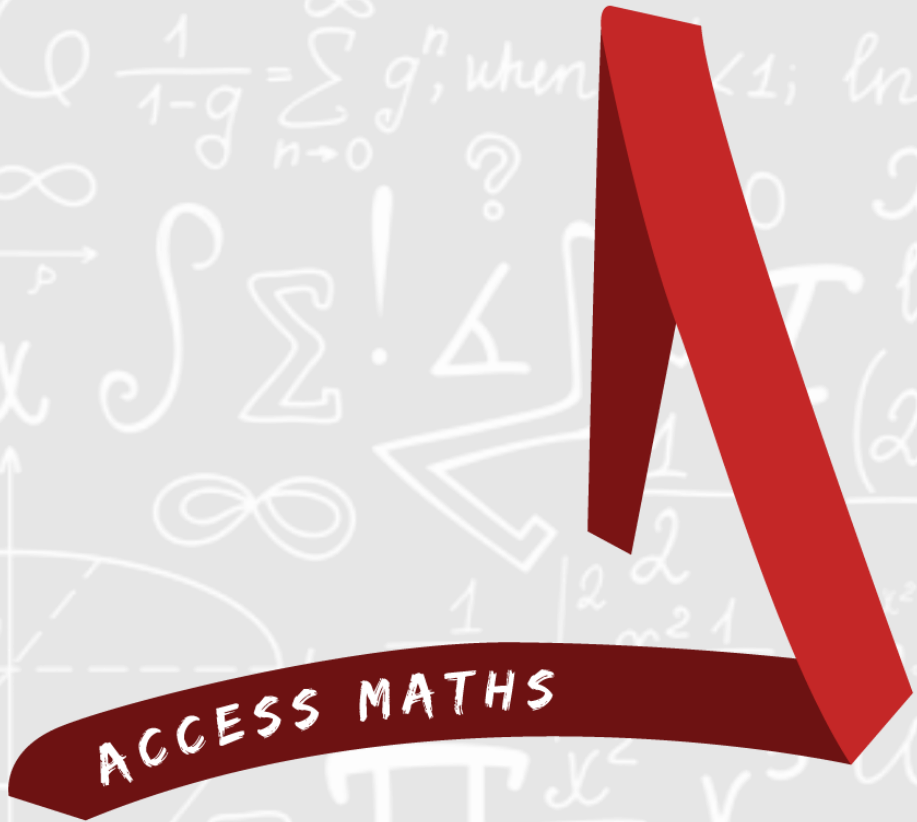
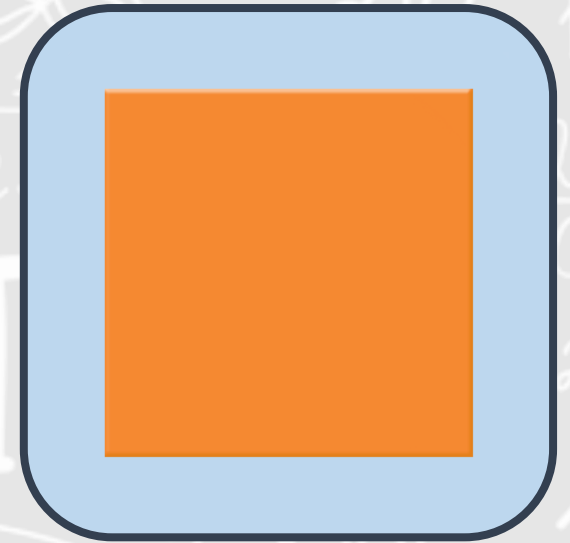


# NUMERACY CHALLENGE

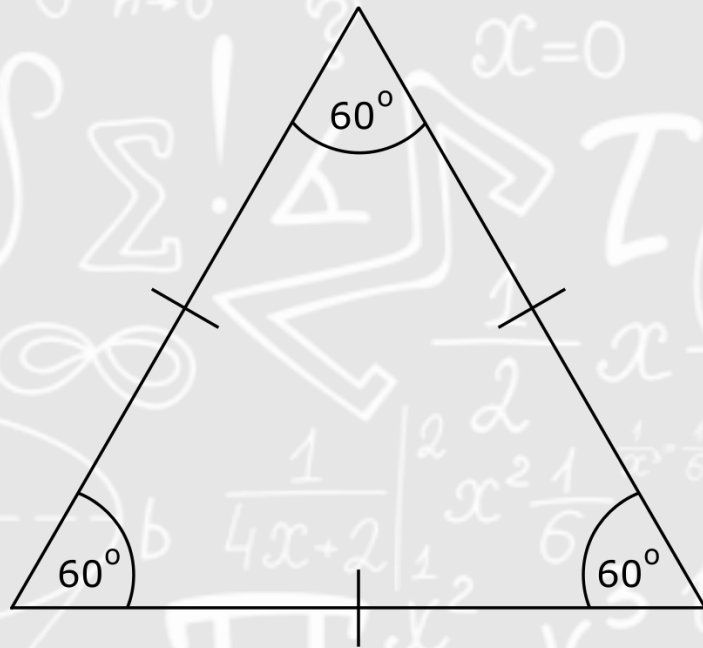


**LEVEL 1**

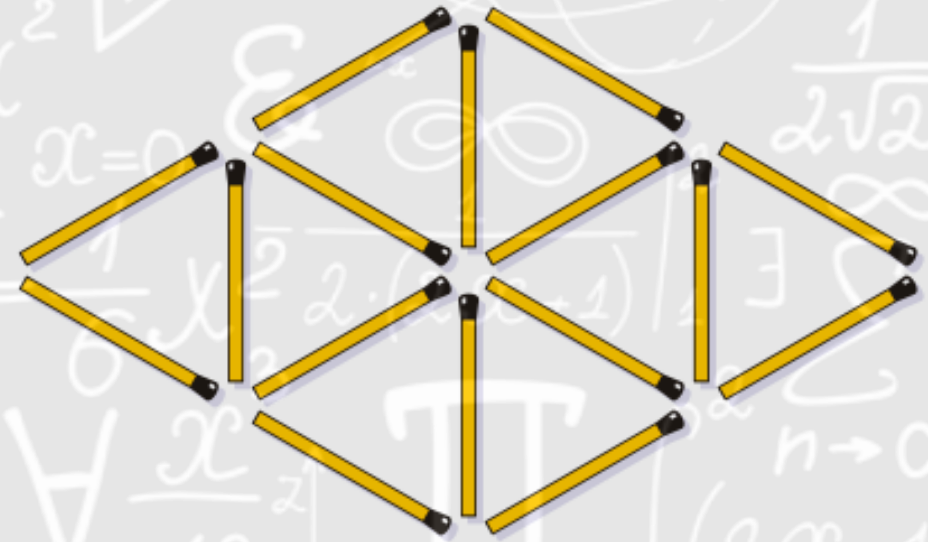


**LEVEL 2**

# NUMERACY CHALLENGE



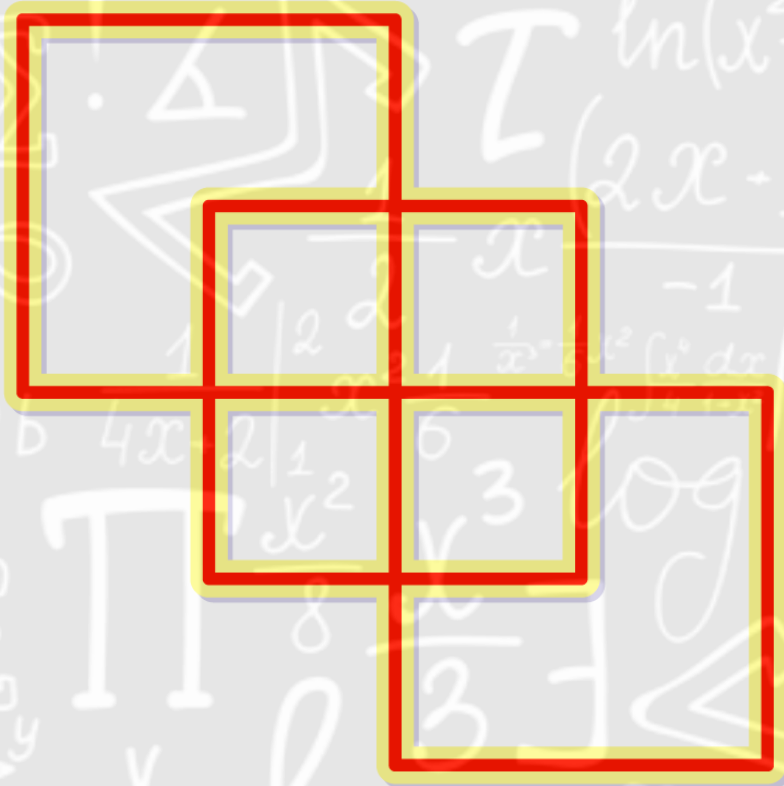
In geometry, an equilateral triangle is a triangle in which all three sides are equal. It is also therefore the smallest regular polygon in terms of its sides. It has 3 equal angles of  $60^\circ$ .



There are 10 equilateral triangles shown above. Remove the smallest number of matchsticks to leave 4 little triangles.

## LEVEL 1

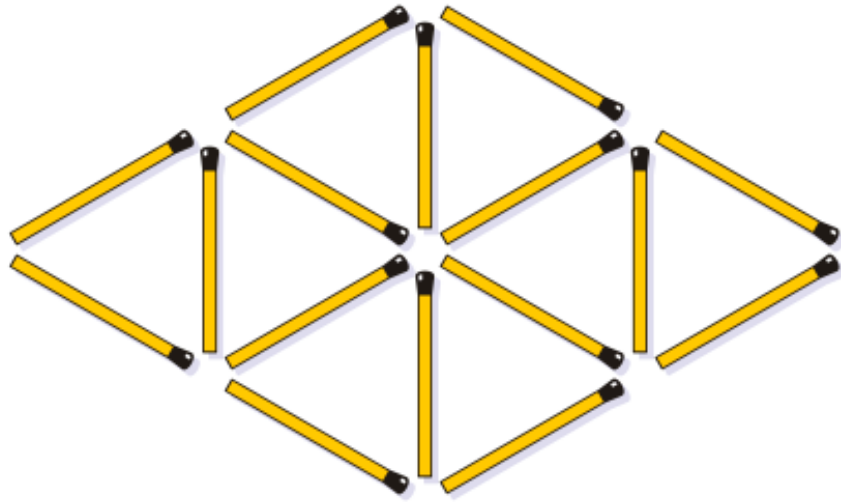
# NUMERACY CHALLENGE



**Draw this three crossing square pattern with pencil in one continuous line so that you don't take the pencil point off the paper.**

**You aren't allowed to go over any part of the line twice, or even cross it.**

# NUMERACY CHALLENGE LEVEL 1

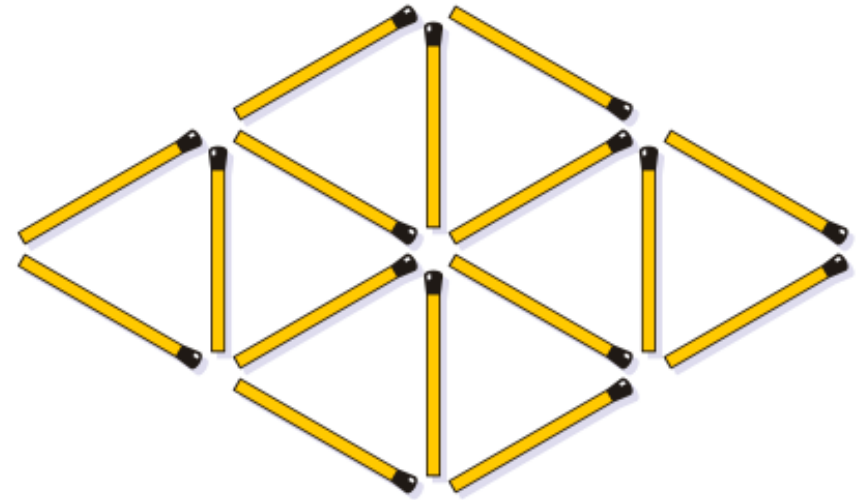


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There are 10 equilateral triangles shown above.

Remove the smallest number of matchsticks to leave 4 little triangles.

# NUMERACY CHALLENGE LEVEL 1

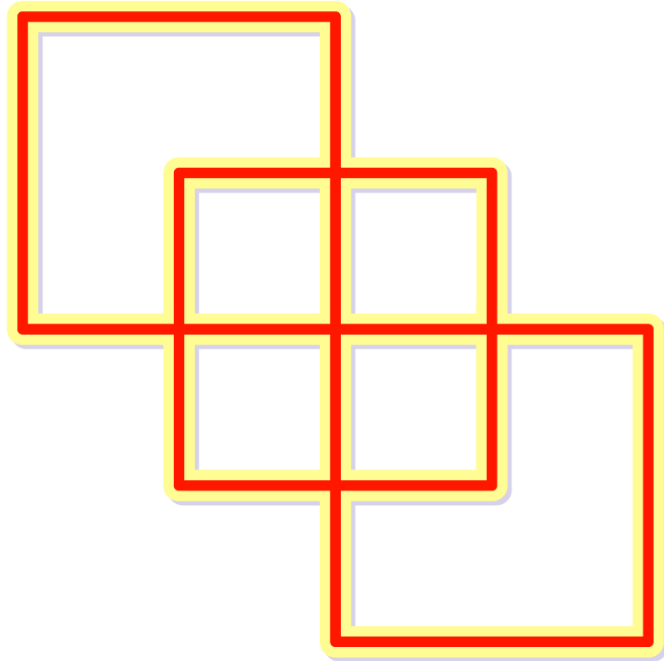


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There are 10 equilateral triangles shown above.

Remove the smallest number of matchsticks to leave 4 little triangles.

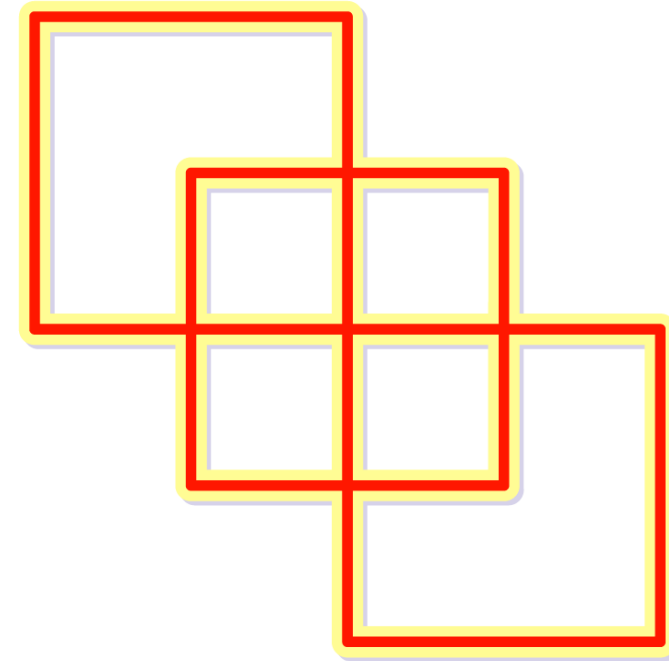
# NUMERACY CHALLENGE LEVEL 2



Draw this three crossing square pattern with pencil in one continuous line so that you don't take the pencil point off the paper.

You aren't allowed to go over any part of the line twice, or even cross it.

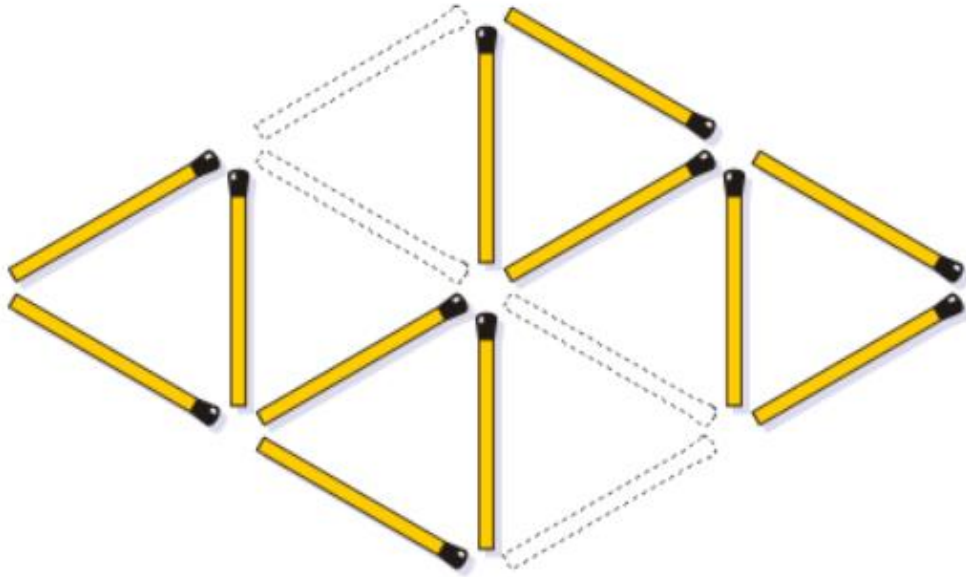
# NUMERACY CHALLENGE LEVEL 2



Draw this three crossing square pattern with pencil in one continuous line so that you don't take the pencil point off the paper.

You aren't allowed to go over any part of the line twice, or even cross it.

# LEVEL 1



# LEVEL 2

One of the ways to solve this puzzle is shown in the illustration.

