



# Matchsticks puzzles set 2

Written by Liz Gibbs

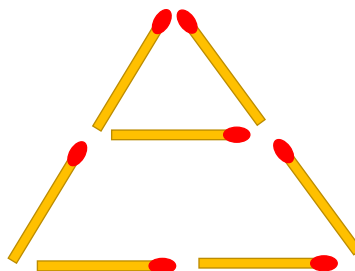
*The Busy Lizzie Maths Library*

## Matchsticks 1

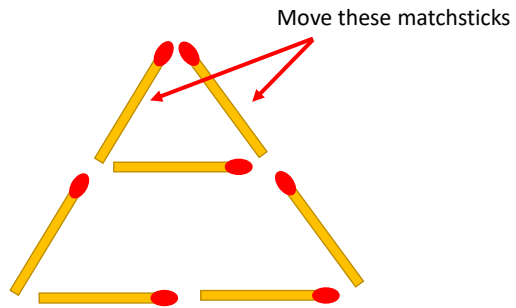
Look at this arrangement of matchsticks.

Make this arrangement on your table.

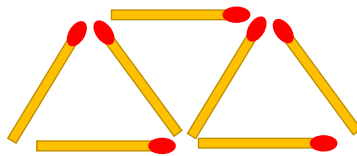
Can you move 2 matchsticks and make 3 triangles?



# Matchsticks 1



# Matchsticks 1

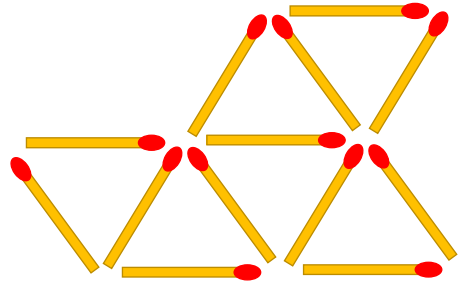


## Matchsticks 2

Look at this arrangement of matchsticks.

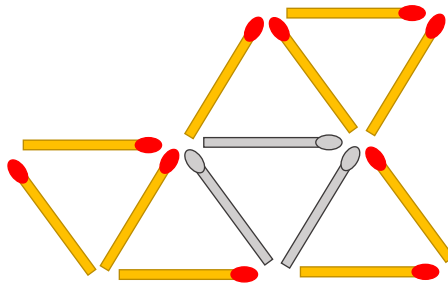
Make this arrangement on your table.

Can you remove 3 matchsticks and make 3 triangles?



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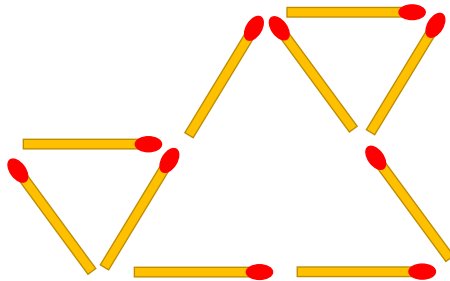
## Matchsticks 2



Remove the grey matchsticks.

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## Matchsticks 2



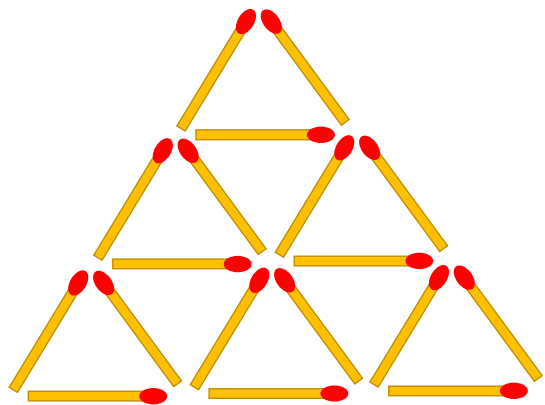
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## Matchsticks 3

Look at this arrangement of matchsticks.

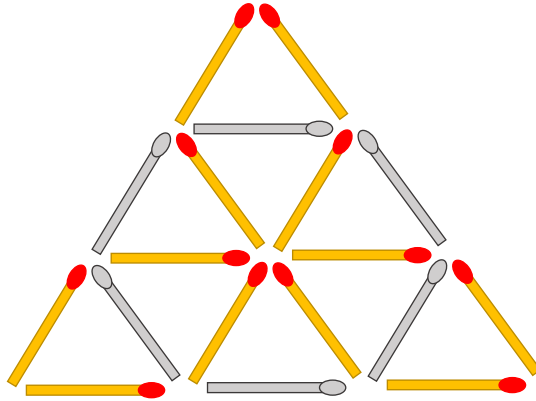
Make this arrangement on your table.

Can you remove 6 matchsticks to make a matchstick arrangement without any triangles in it?



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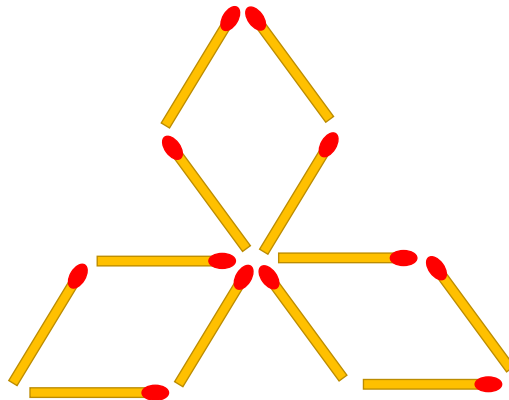
## Matchsticks 3



Remove the grey matchsticks.

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## Matchsticks 3



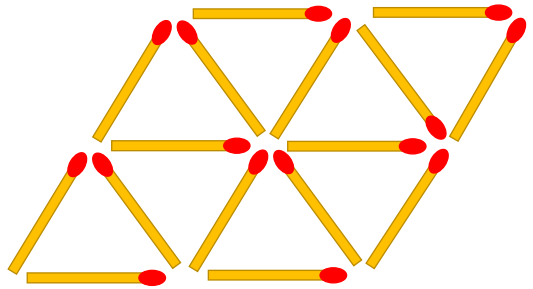
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## Matchsticks 4

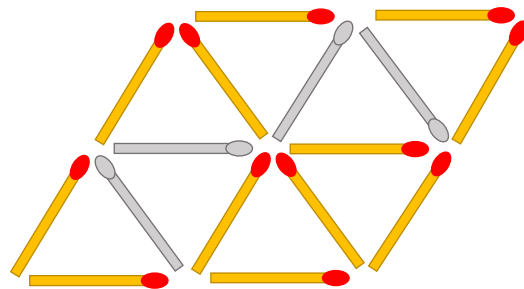
Look at this arrangement of matchsticks.

Make this arrangement on your table.

Can you remove 4 matchsticks and make 4 triangles?

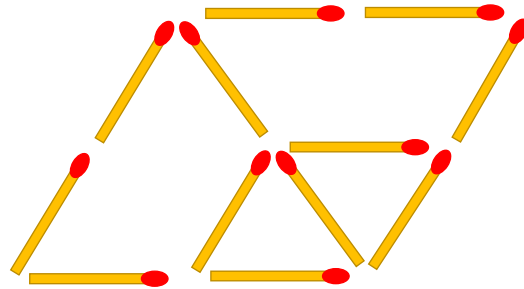


## Matchsticks 4



Remove the grey matchsticks.

## Matchsticks 4



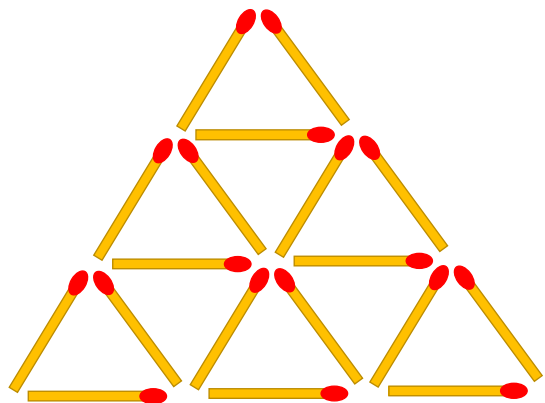
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## Matchsticks 5

Look at this arrangement of matchsticks.

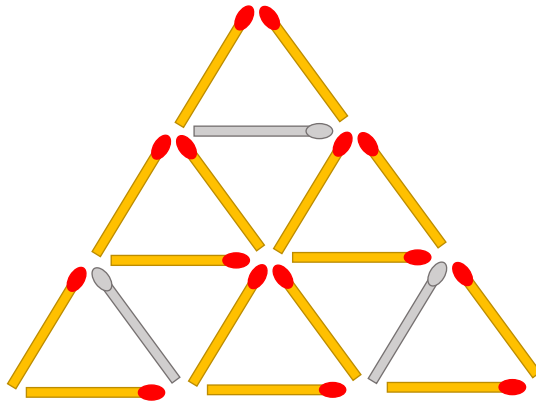
Make this arrangement on your table.

Can you remove 3 matchsticks and make 7 triangles?



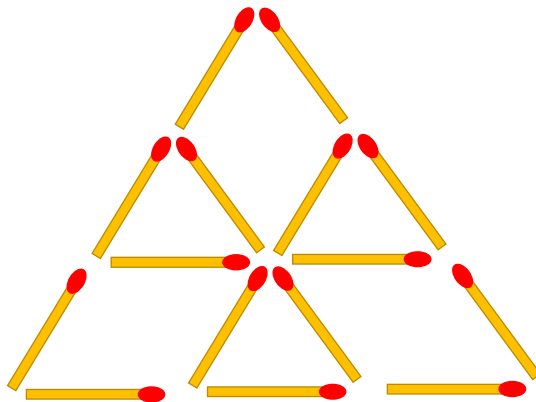
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# Matchsticks 5



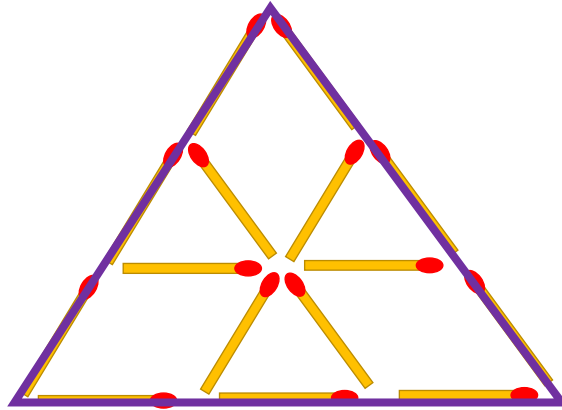
Remove the grey matchsticks.

# Matchsticks 5



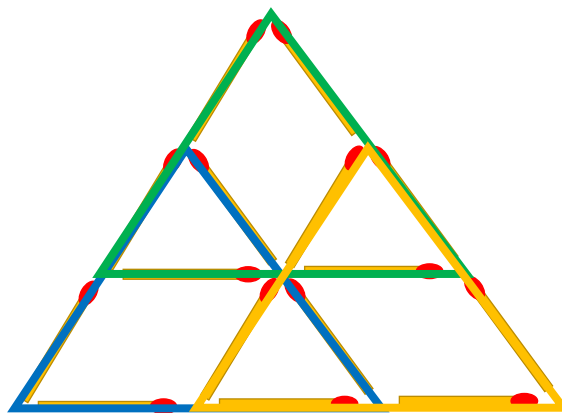


# Matchsticks 5



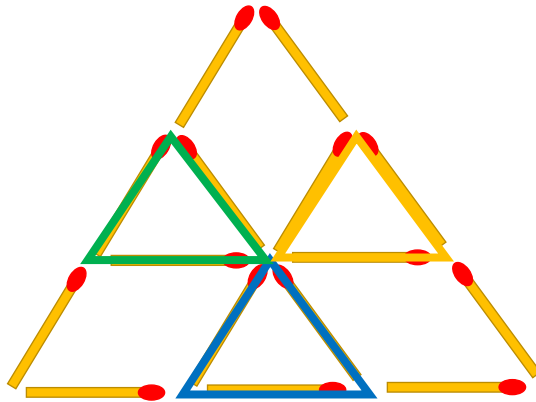
One large triangle.

# Matchsticks 5



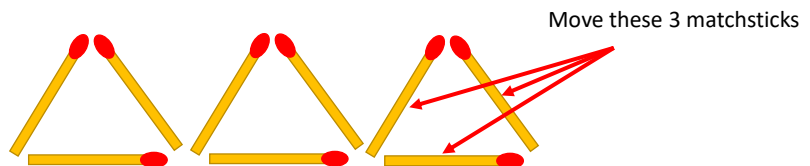
Three medium sized triangle.

## Matchsticks 5



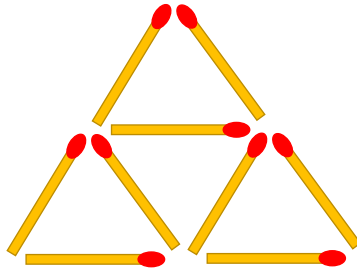
Three small sized triangle.

## Matchsticks 6



Move these 3 matchsticks

## Matchsticks 6



This arrangement makes 4 small triangles and 1 large triangle.

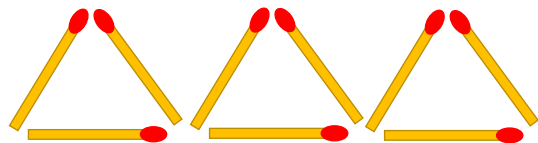
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## Matchsticks 6

Look at this arrangement of matchsticks.

Make this arrangement on your table.

Here are 3 triangles. Can you move 3 matchsticks to make 5 triangles.



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