



**Joyfulmathswithruth**

**FREE**  
all ages  
interactive  
Maths lesson

**Maths In Motion**

**ART**

**Tessellation**

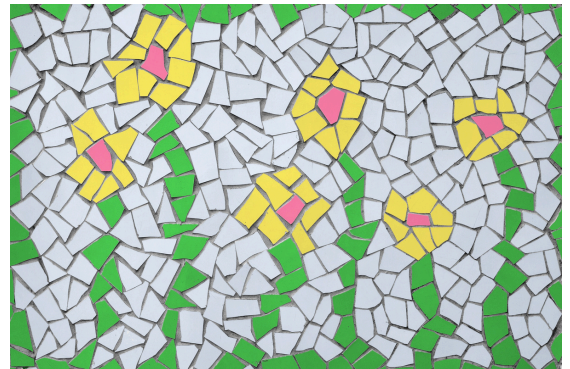
**To join please bring:**

A piece of card or thick  
paper, scissors, pencil,  
another piece of paper,  
tape

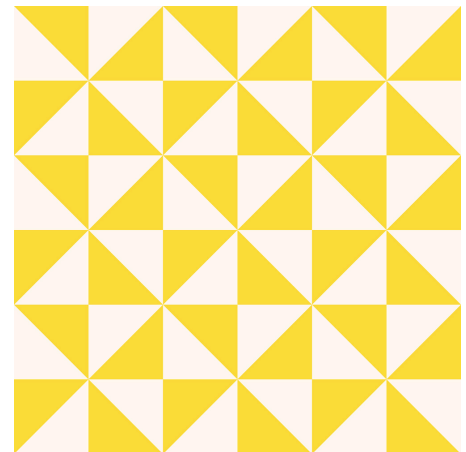
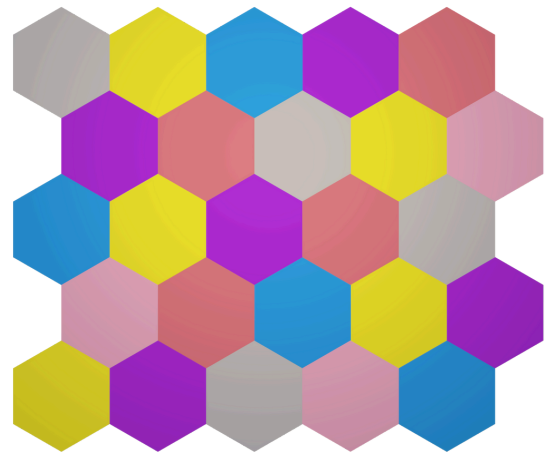
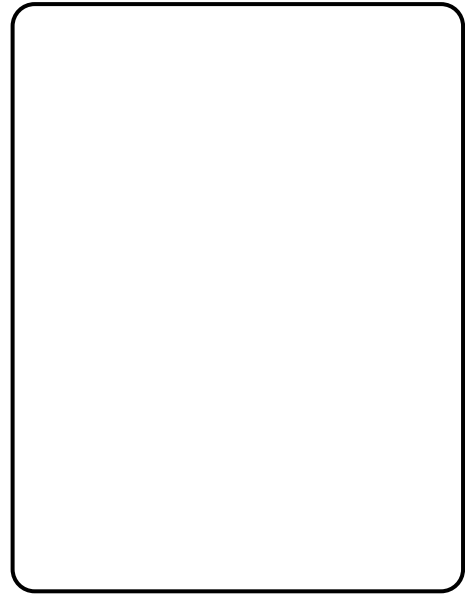
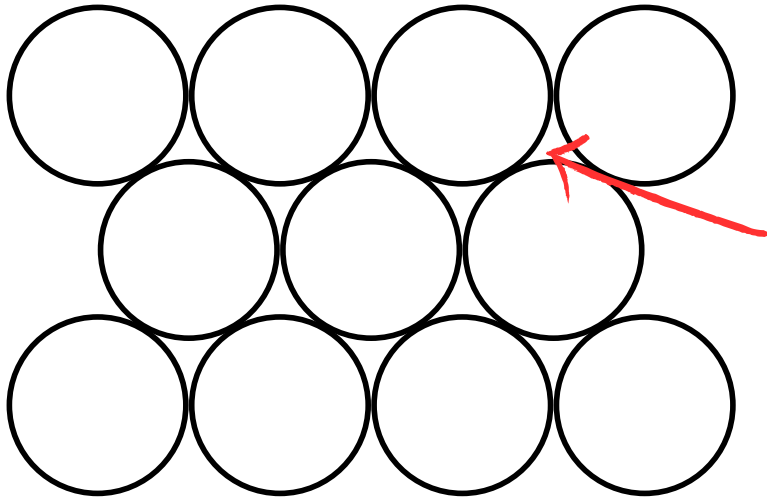
## Something to think about:

Why didn't the Roman's use circle pieces in their mosaics?

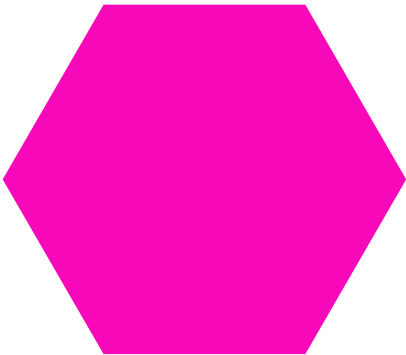
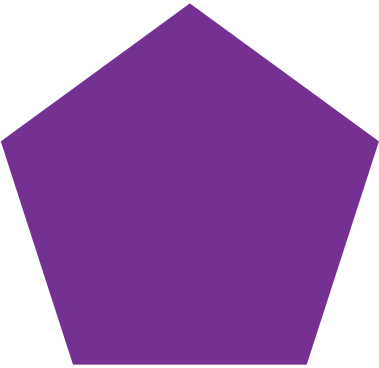
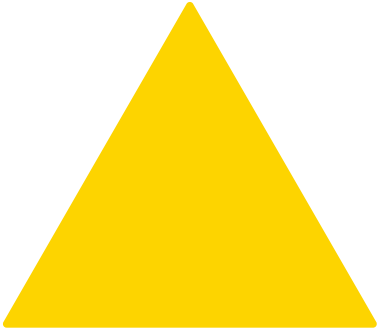
Space to answer, note your thoughts, or just have a doodle!



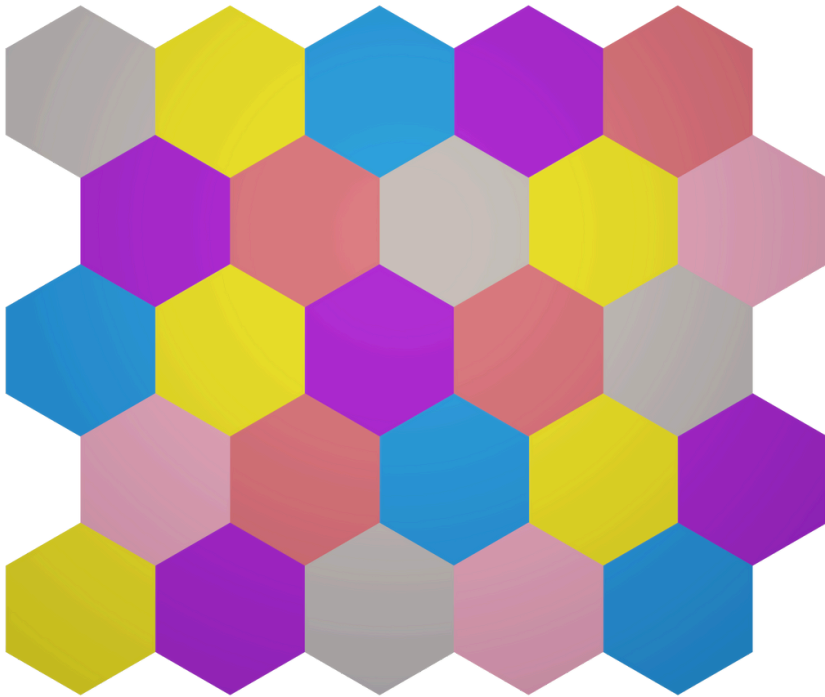
# Tessellation



**Does it tessellate?**

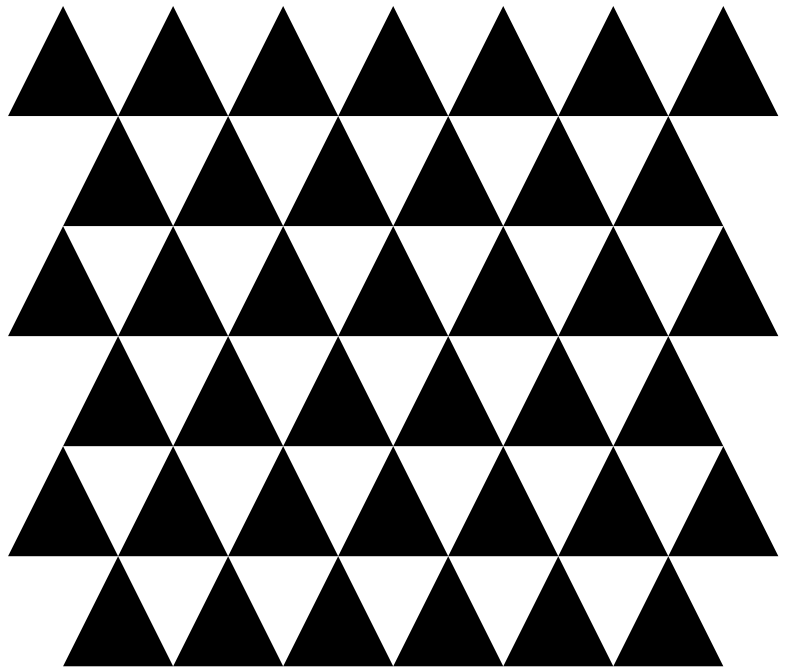


# Regular tessellation



**Space for your notes or doodles**

**Space for your notes or doodles**



# True or false?

**True**

**False**

**True**

**False**

**True**

**False**

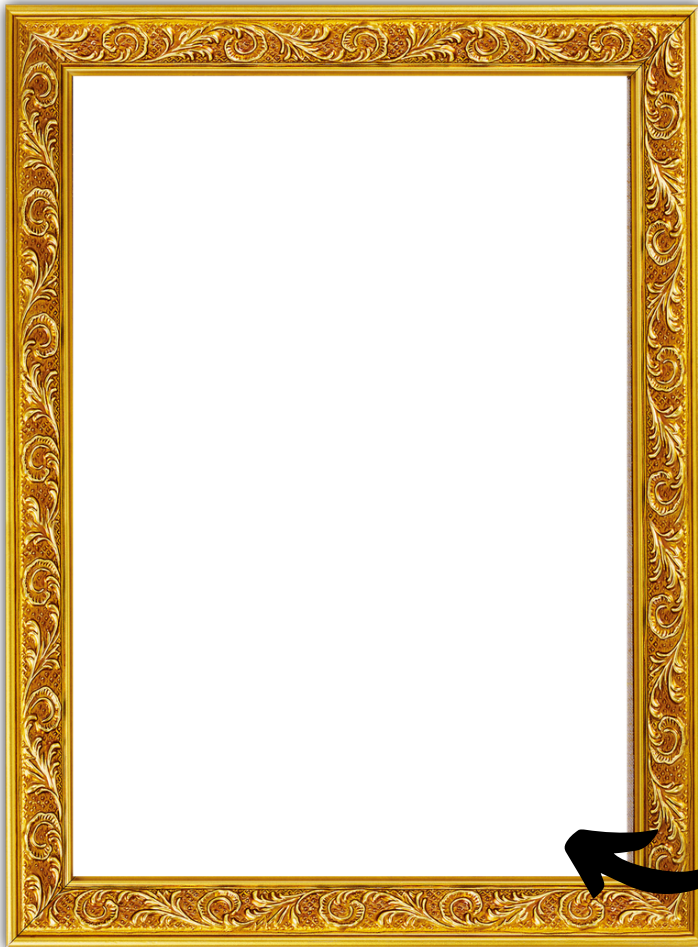
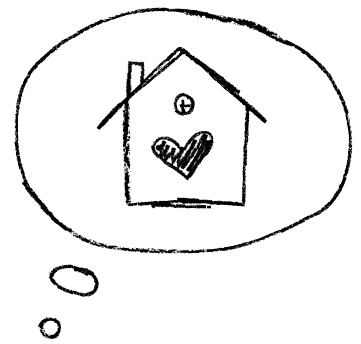
**True**

**False**

**True**

**False**

# Explore at home:



## Artist to explore:

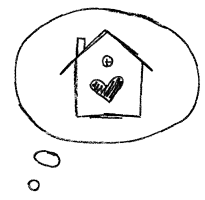
M.C Escher

This link might be helpful:

<https://nrich.maths.org/articles/maurits-cornelius-escher>

A picture of him or some of his work that shows symmetry

Space for your notes, drawings or a collage



# Explore at home:

## Shapes around your house

Try making tessellating patterns with shapes you have around your house.

Space for your notes, drawings or a collage

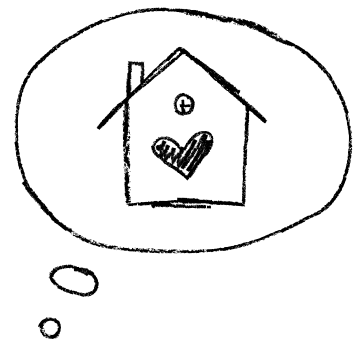


You may also like this online tessellation creator:  
<https://www.nctm.org/classroom-resources/illuminations/interactives/tessellation-creator>

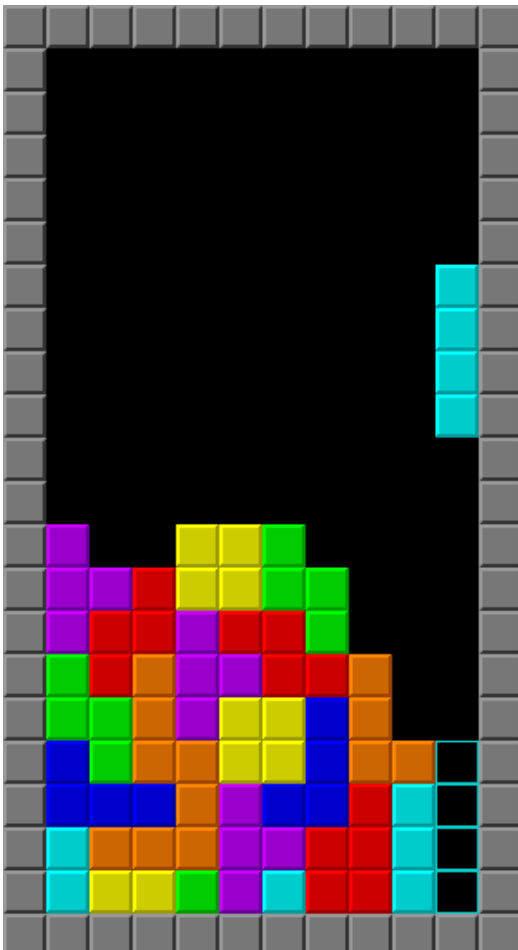
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# Explore at home:

## Shapes around your house



You can re-create the activity from the lesson with your own more interesting shapes:  
<https://www.youtube.com/watch?v=5FIOF8xsPas>



Have you ever played tetris?  
This is a brilliant tessellating game from the 80's

<https://www.freetetris.org/game.php>