

9.3.2 用多种正 多边形拼地板

复习:

1、在正三角形、正方形、正五边形、正六边形、正八边形中取一种，可以铺满地板的有哪些？

正三角形、正方形、正六边形

2、用同种正多边形瓷砖能不留空隙，不重叠地铺满地板的关键是什么？

围绕一点拼在一起的正多边形的内角之和为 360°

模型:

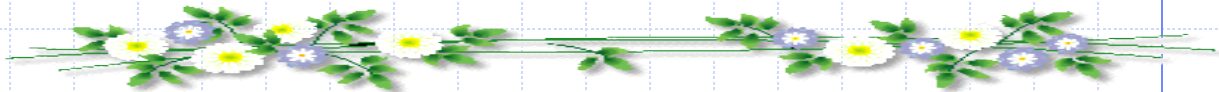
正多边形个数 \times 正多边形内角度数 $=360^\circ$

学习目标：

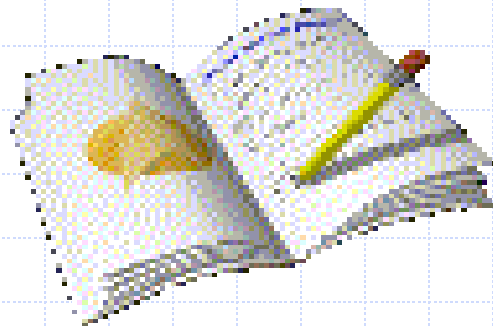
1. 理解多种正多边形铺满地面的道理；
2. 会选用不同正多边形铺设地面。

重点、难点：

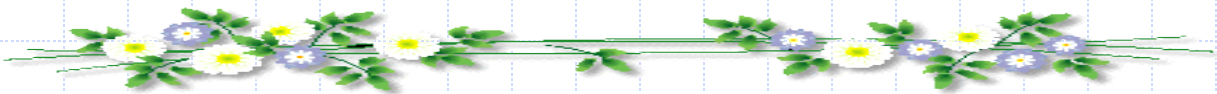
能运用本节知识进行简单的应用和计算



设疑自探

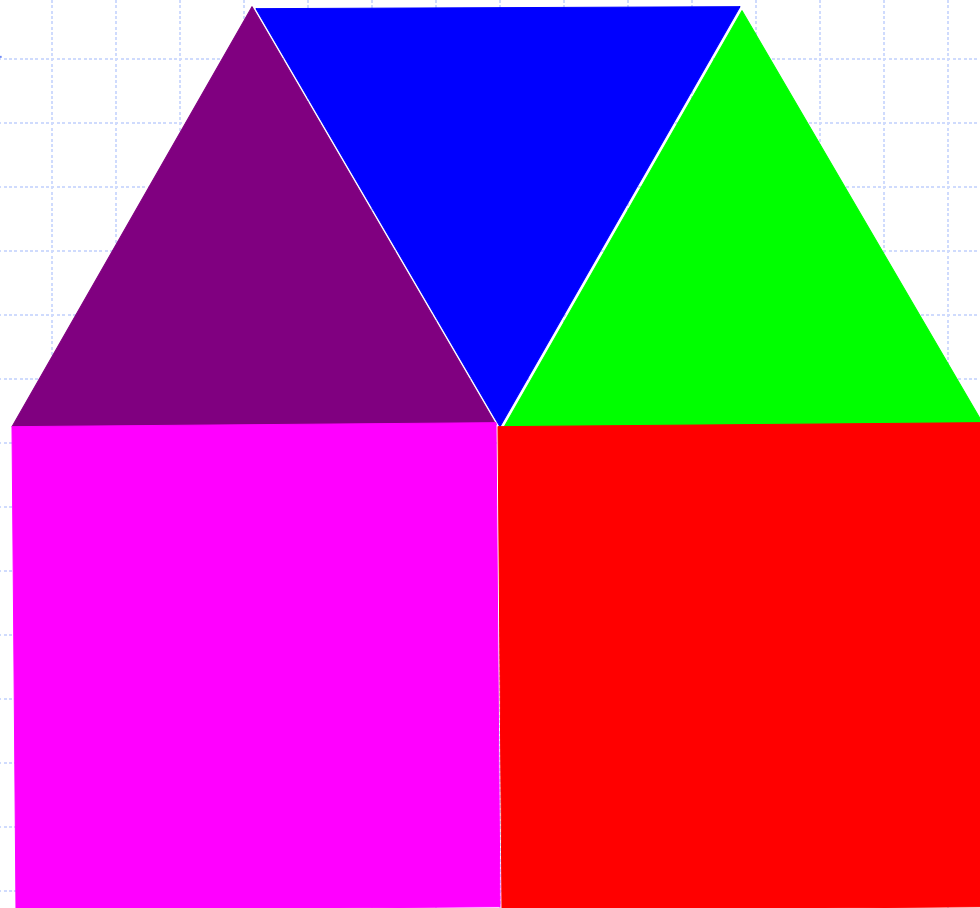


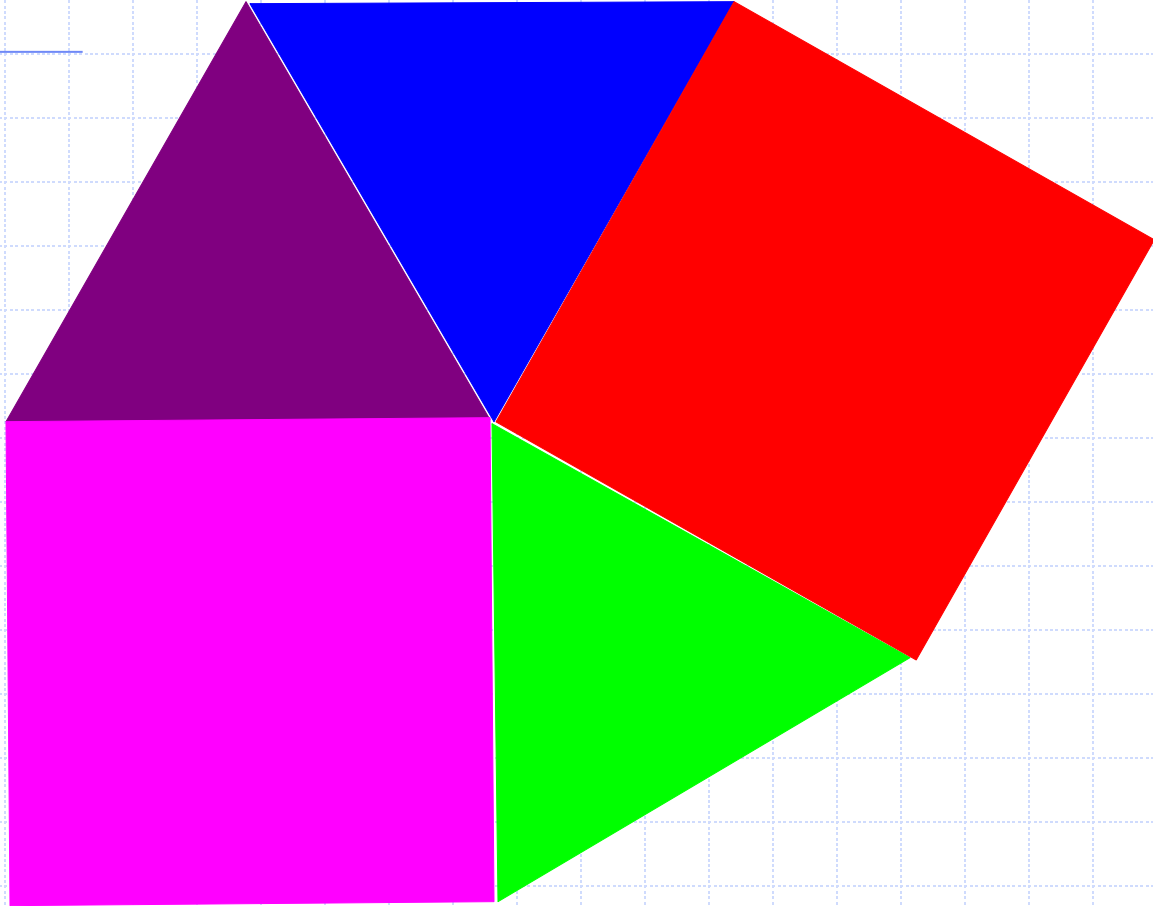
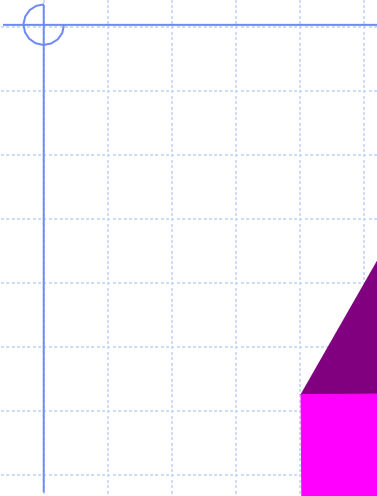
- 1、有哪些正多边形可用来拼地板？
- 2、这些多边形为什么可以无缝隙、不重叠地铺满地板？

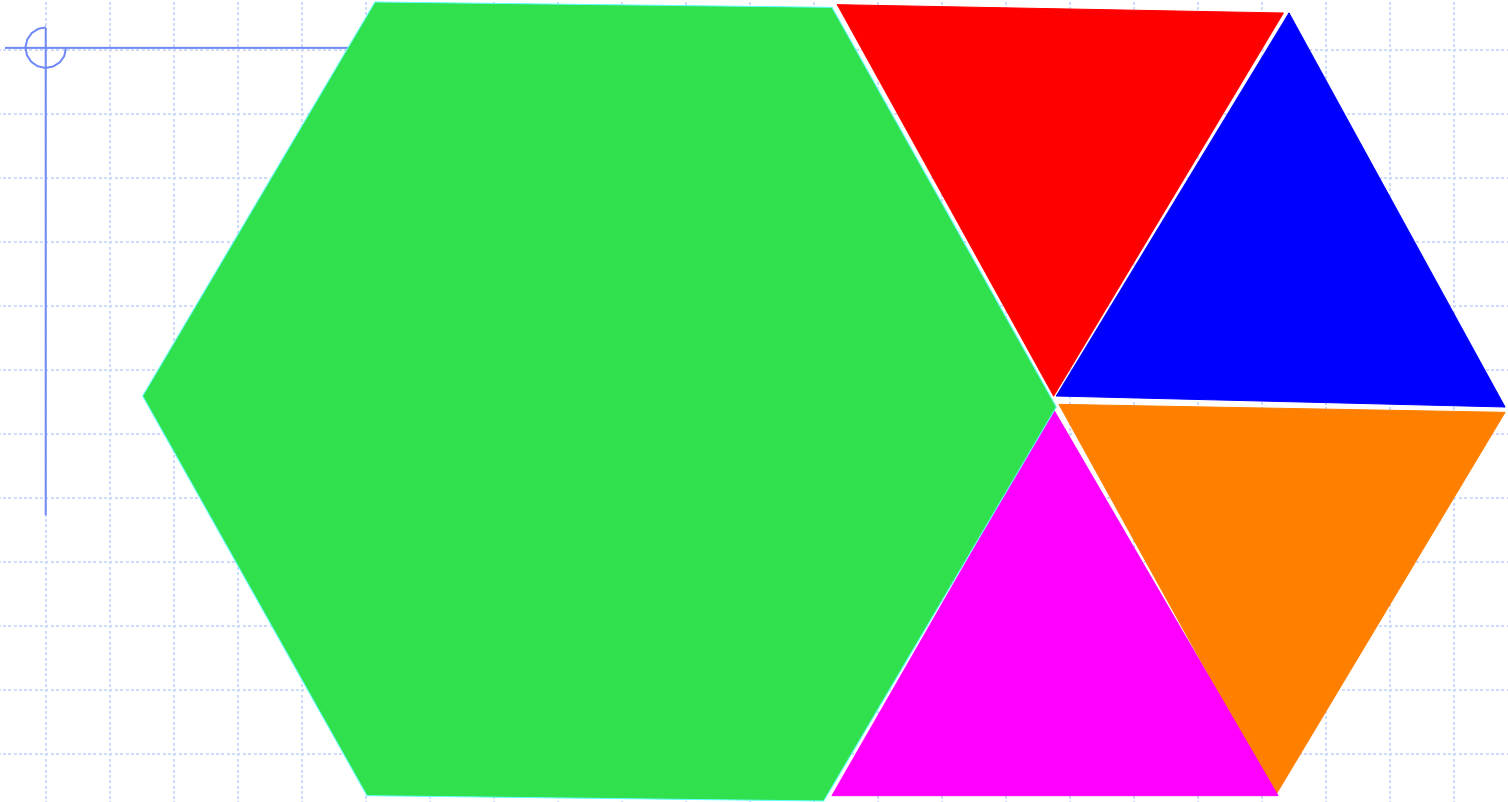


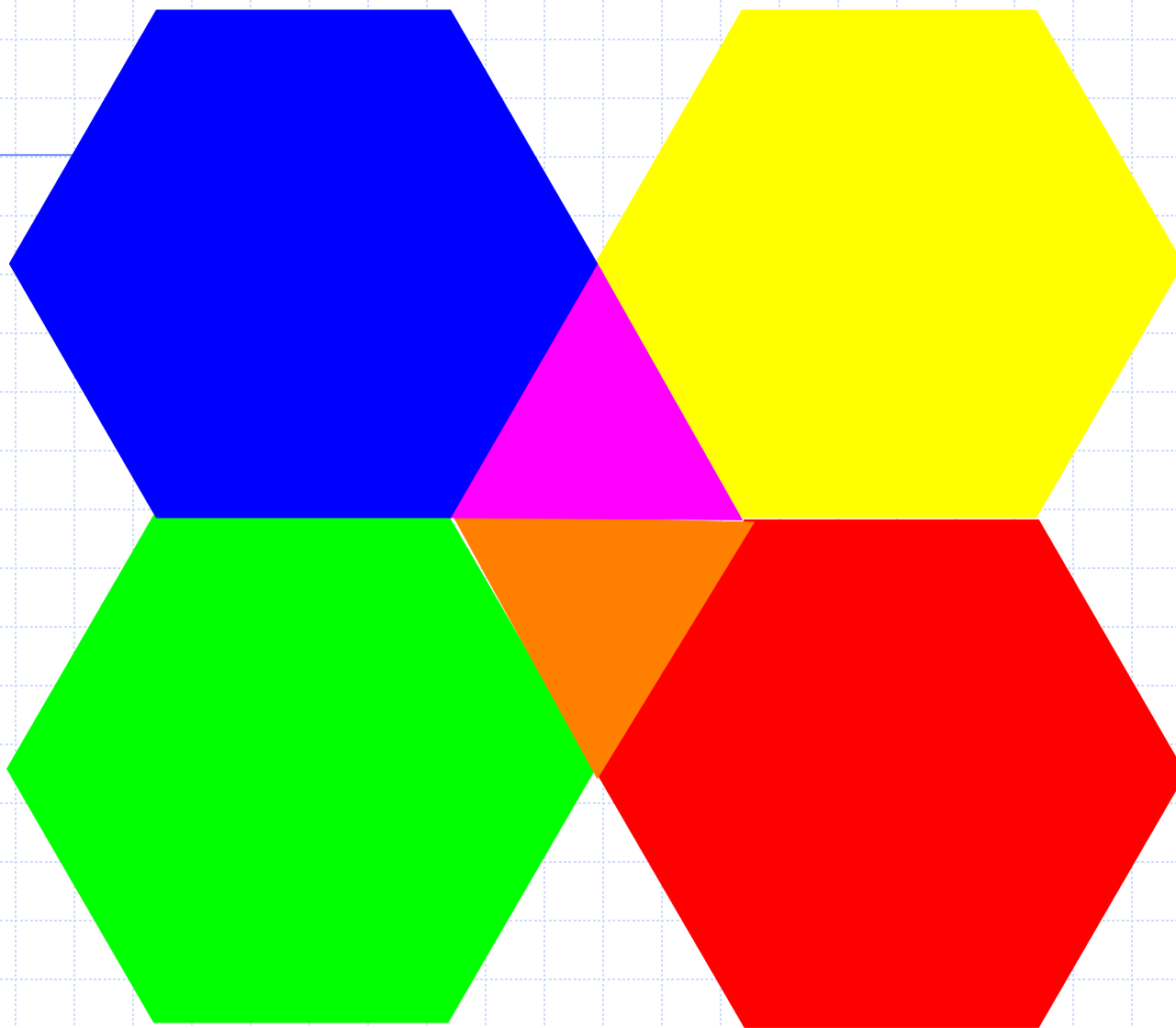
解疑合探

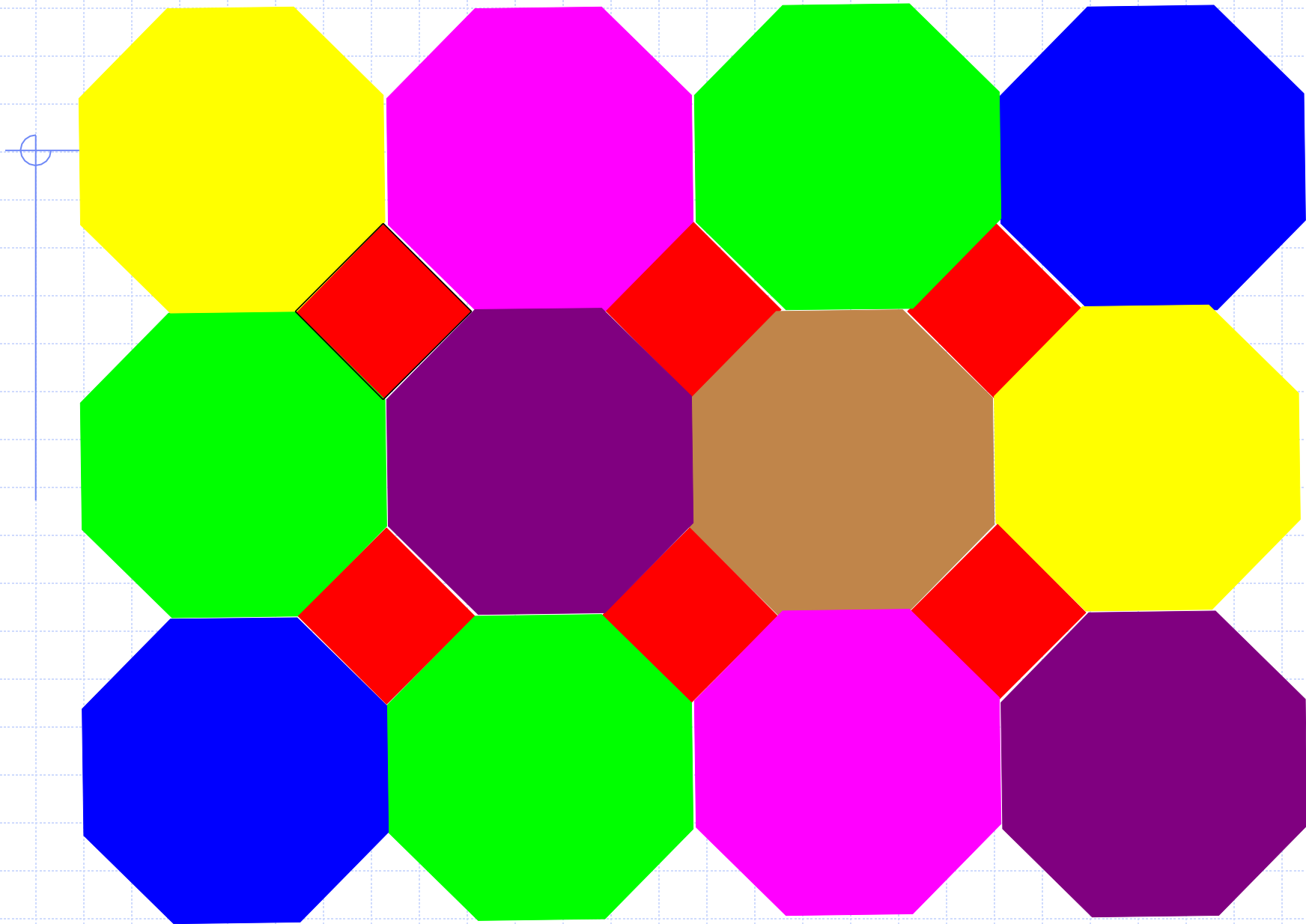
☆ 探究

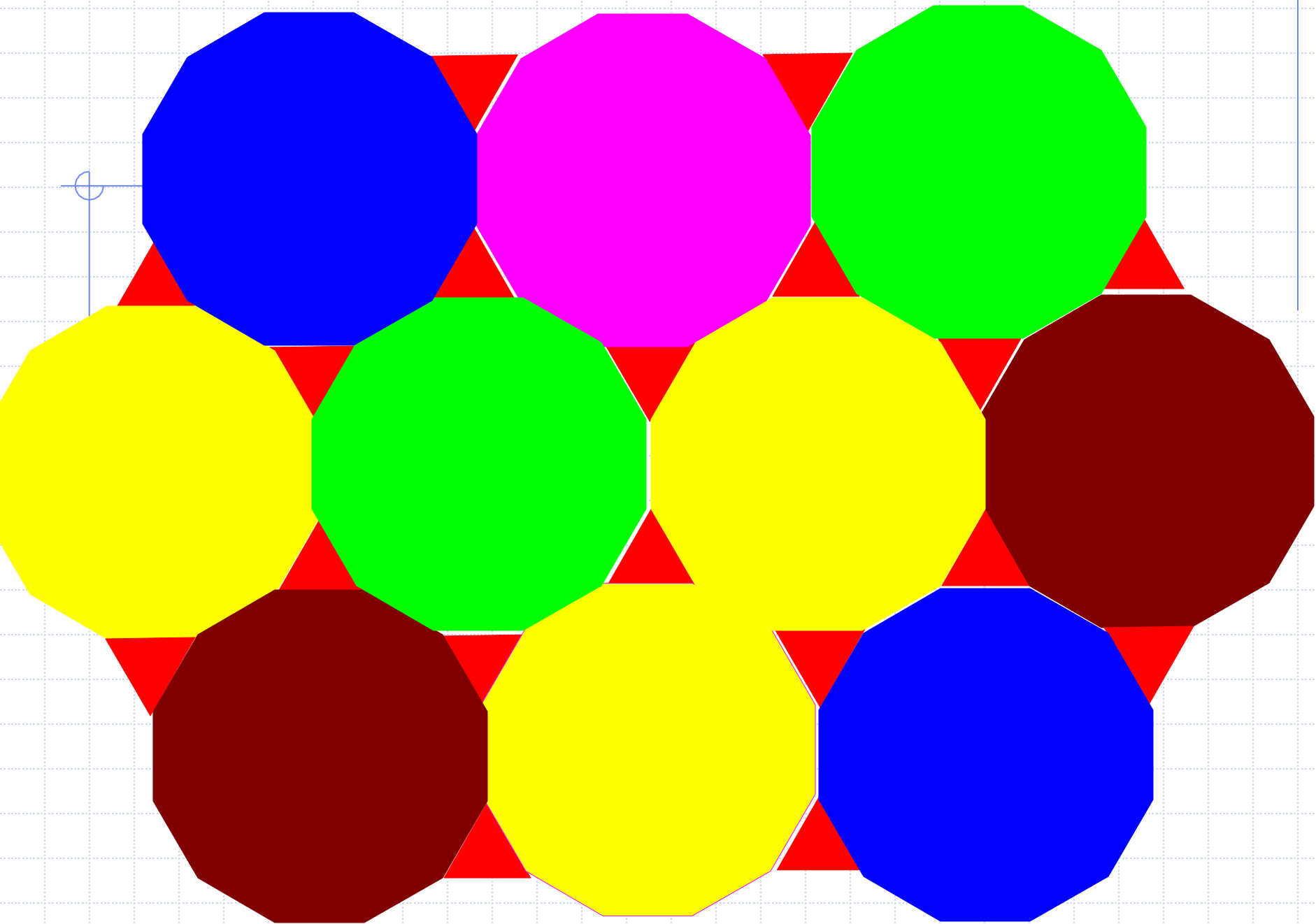


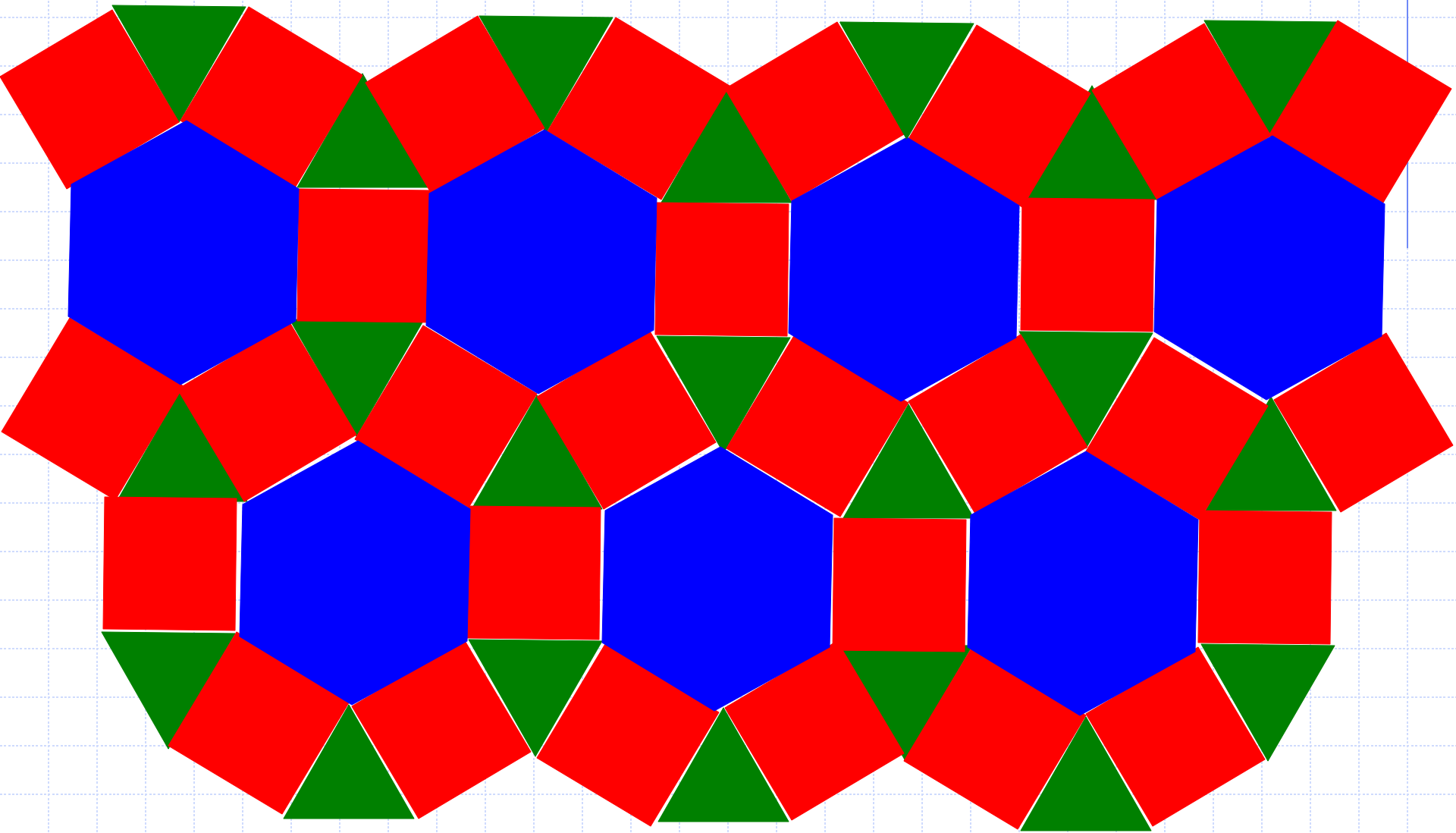


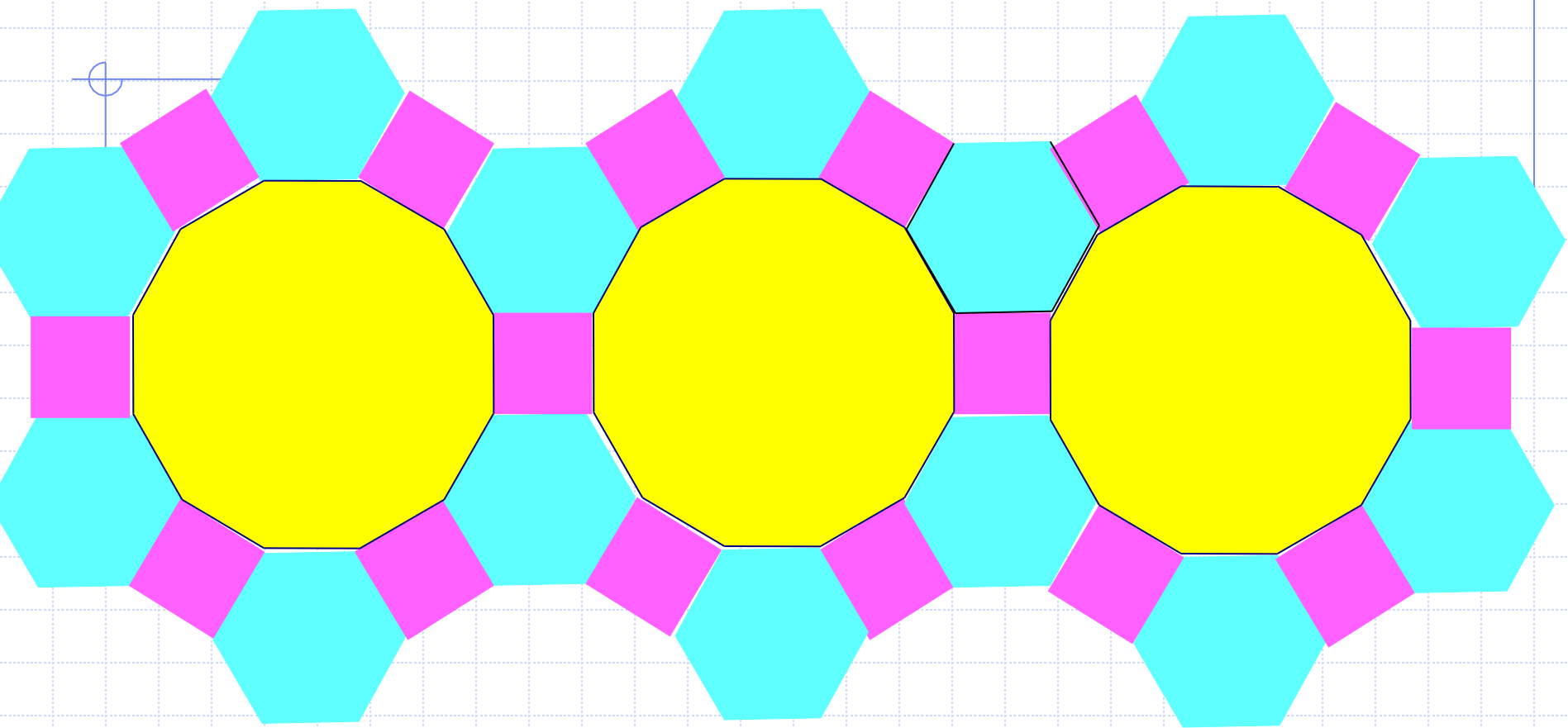


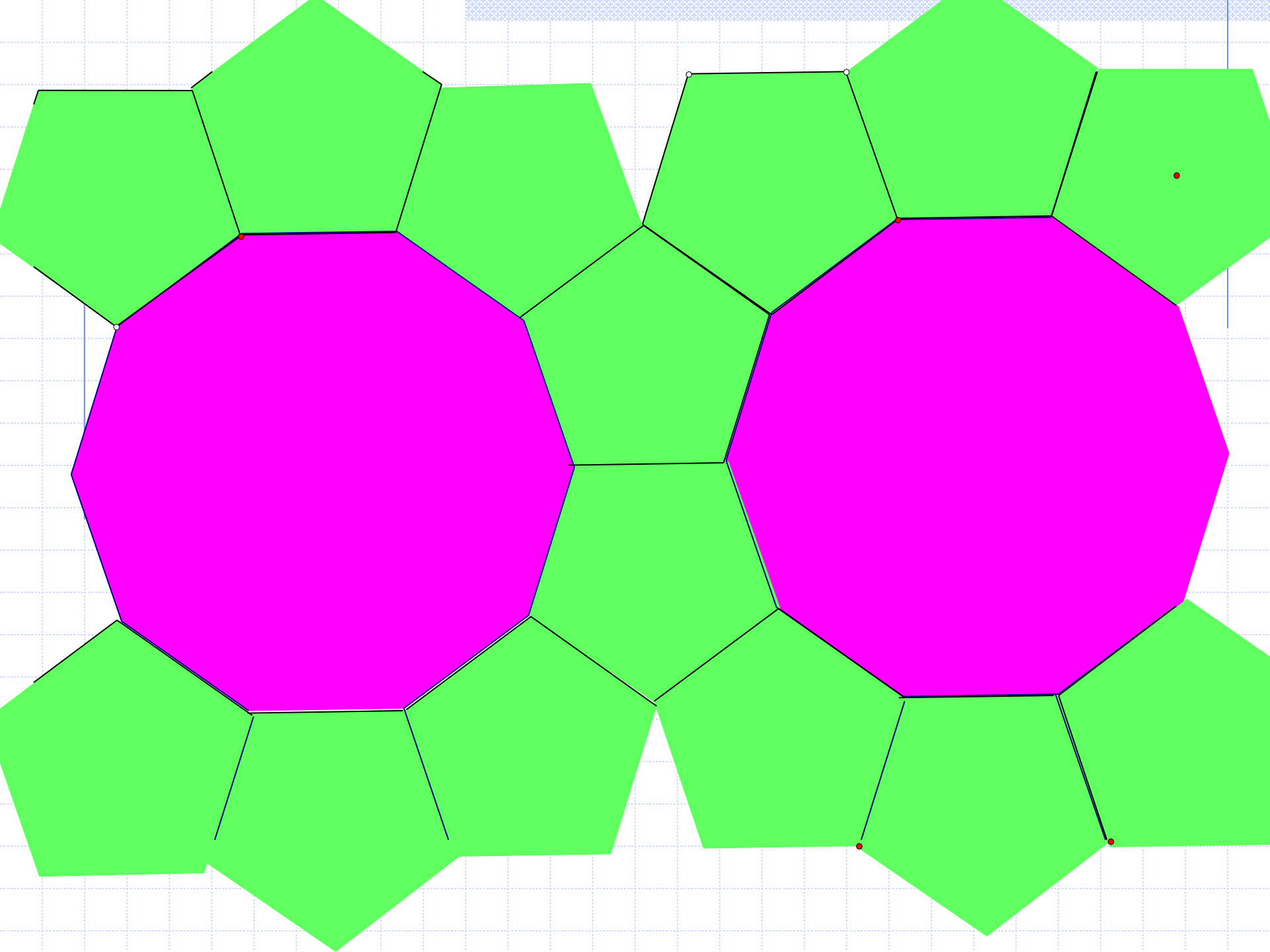












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