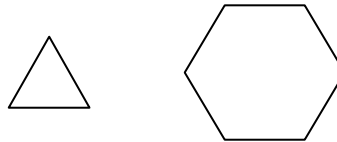


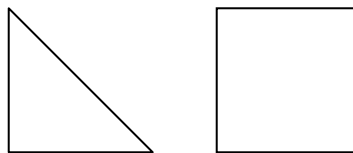
Tessellations and Tiling Patterns

Sketch a tessellation using each indicated shape or group of shapes. Use at least twelve shapes in each of your drawings. If a tessellation is not possible, explain why.

[1] Equilateral triangles and regular hexagons, such as those pictured below.



[2] Isoceles right triangles and squares, such as those pictured below.



[3] Trapezoids that are all congruent to each other.

[4] Decagons with each interior angle measuring exactly 90° or 135° . One such decagon is pictured below.

