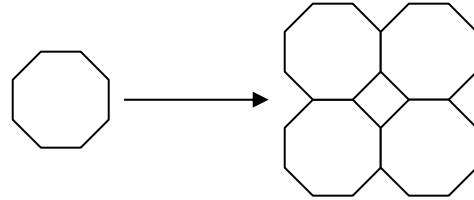
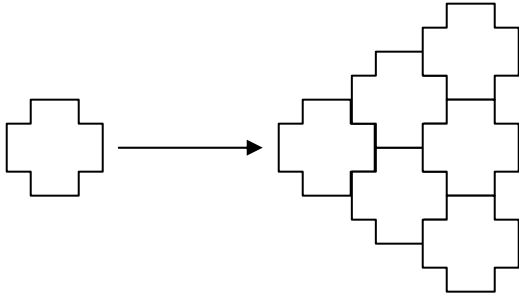


Reteaching Page

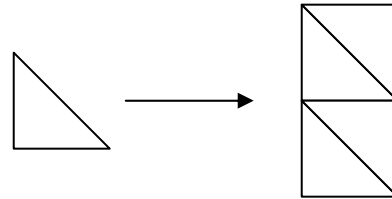
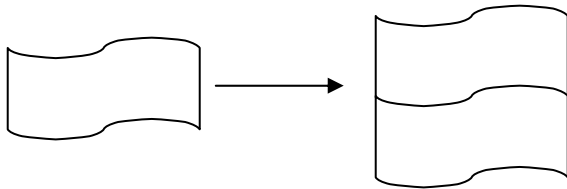
7.12 - Tessellations

A **tessellation** is pattern of repeating shapes that completely cover a plane with no gaps and no overlaps.



Notice that the cross can tessellate the plane because it can cover the plane with no gaps or overlaps.

The octagon can not tessellate the plane because there is a gap. What shape will be needed to help the octagon tessellate the plane?



Notice that sometimes figures with curves can match up and tessellate the plane. In the second example you need to notice that it is OK to flip and turn the figure, as long as you do not change its congruence.

Attempt to tessellate the plane with each of the following figures.

