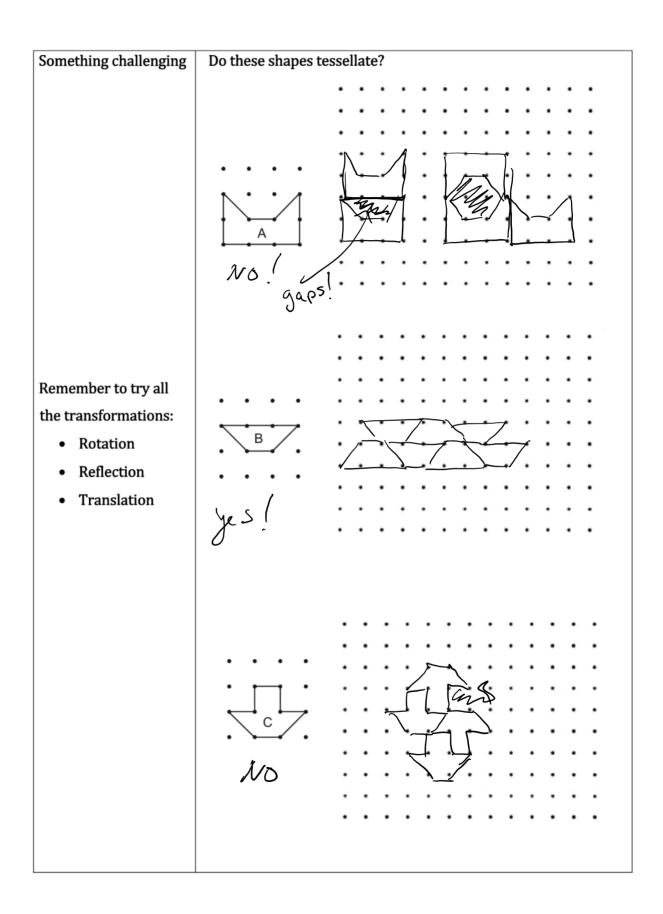
## 8.5 Constructing Tesselations

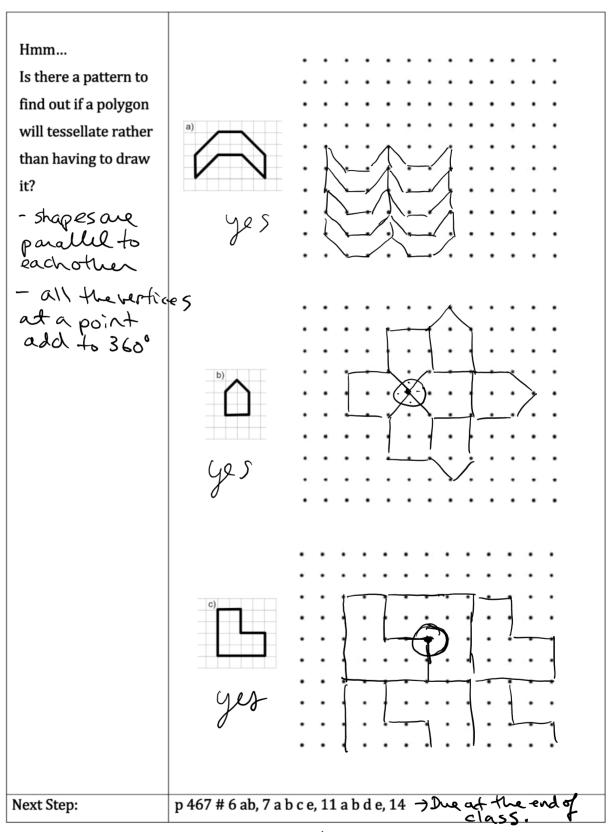
Wednesday, May 18, 2016 8:31 AM



Microsoft Word - 8.5 Constructing Tessellations

Topic: 8.5	Name:
Constructing Tessellations	Class: Math 8
resenations	Date:
Questions/Main Ideas:	Notes:
Learning Intention:	Construct and analyse tessellations
Quick Review:	When congruent (identical) copies of a shape cover an area with no overlaps or gaps, we say the shape is a <i>tessellation</i> . The pattern is repeated by reflection, rotation, translation or some combination of these.
	Here are some tessellations that we see every day.
	Cool Website for Ceramic Tiles
	Where else might you see tessellations in nature:
0 1 1 1 1 1 1 1 1	
Check out this Video:	2 <sup>170</sup>
Nature by Numbers.	•
	•
	•
corvers/	Some polygons will tessellate and others do not. For copies of a polygon to tessellate, the SUM of the angles at any point where vertices meet must be 360°.  In this way the polygon surrounds the point.
	Gaps Therefore these octagons DO NOT
	tessellate.





Ch. 8 openbook test Tuesday.