MathFLIX CHALLENGE
Live Symmetry in Regular & Irregular Polygons

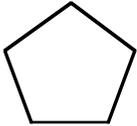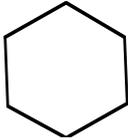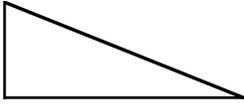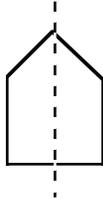**PART 1:** *Complete the table below using regular polygons. Show the lines of symmetry.*

Polygon Symmetry	Picture	Picture with lines of symmetry	# of lines of
Triangle	△	△ (with dashed lines of symmetry)	3
Quadrilateral	□		
Pentagon	⬠		
Hexagon	⬡		
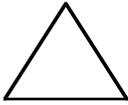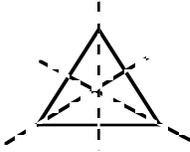
Complete this statement: For regular polygons, the number of sides (is less than/ is greater than/ equals) the number of lines of symmetry

PART 2: *In the space below, draw 2 different irregular polygons with the same # of sides as those above but with the indicated lines of symmetry.*

0 lines of symmetry	1 line of symmetry
Triangle	Triangle
Quadrilateral	Quadrilateral
Pentagon	Pentagon
Hexagon	Hexagon