

Angles in Polygons

Measure each angle of each polygon. Record your findings in the appropriate chart.

Find the sums of the angles for each figure. Compare your results to those of your classmates. What conclusions do you draw from the results?

TRIANGLES

Triangles	$\angle 1$	$\angle 2$	$\angle 3$	Sum of Angles
$\triangle A$				
$\triangle B$				
$\triangle C$				
$\triangle D$				

Conclusion(s):


QUADRILATERALS

	$\angle 1$	$\angle 2$	$\angle 3$	$\angle 4$	Sum of Angles
$\diamond E$					
$\diamond F$					
$\diamond G$					
$\diamond H$					

Conclusion(s):





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PENTAGONS

Pentagons	$\angle 1$	$\angle 2$	$\angle 3$	$\angle 4$	$\angle 5$	Sum of Angles
 I						
 J						
 K						
 L						

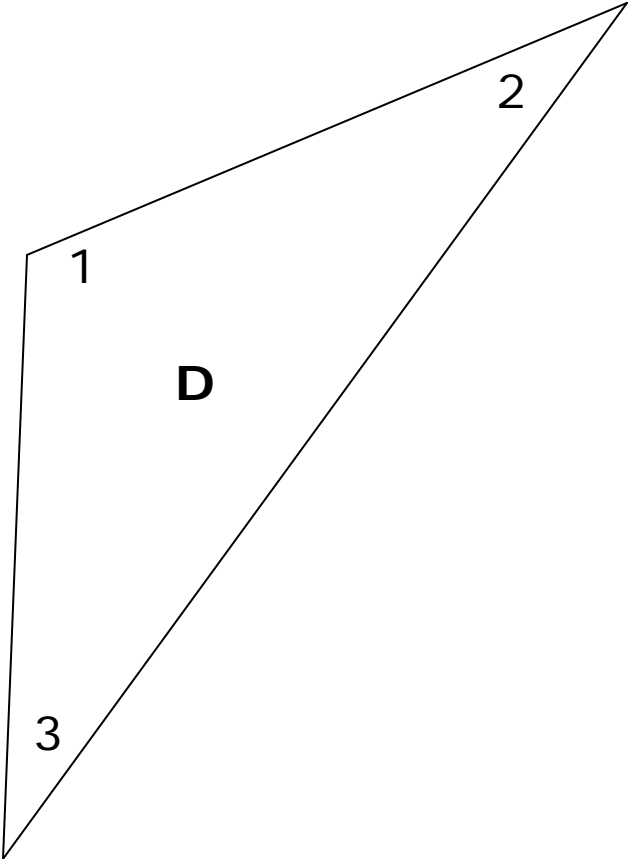
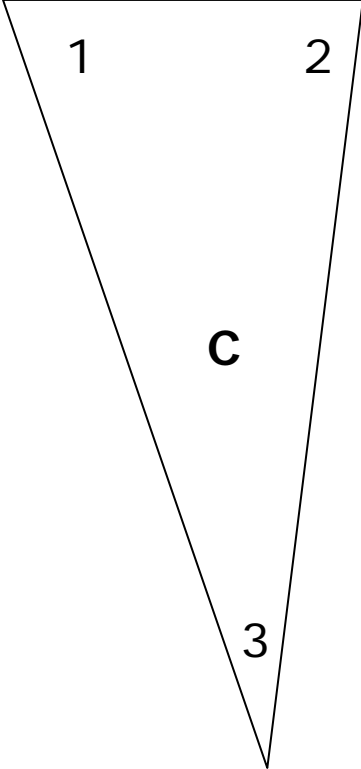
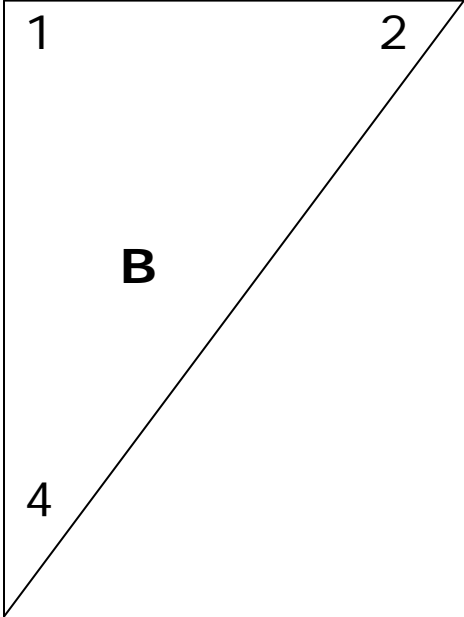
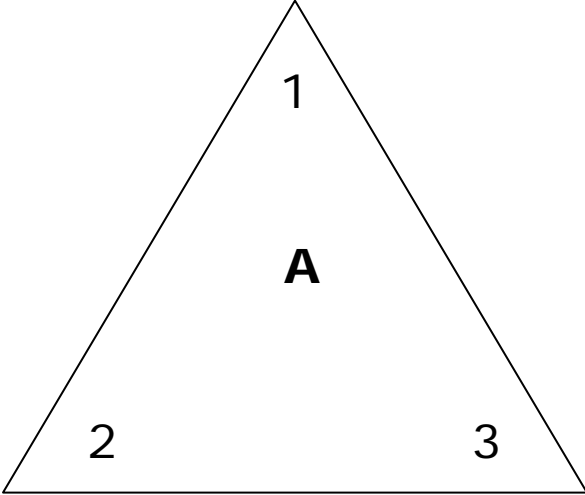
Conclusion(s):

HEXAGONS

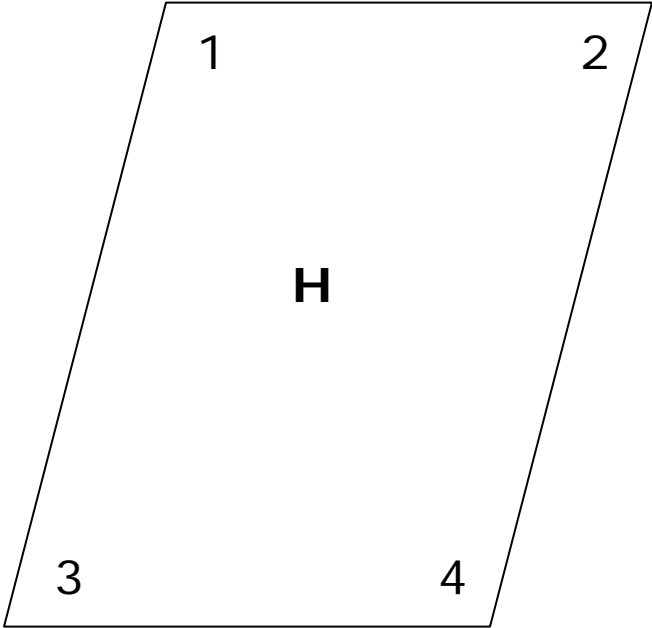
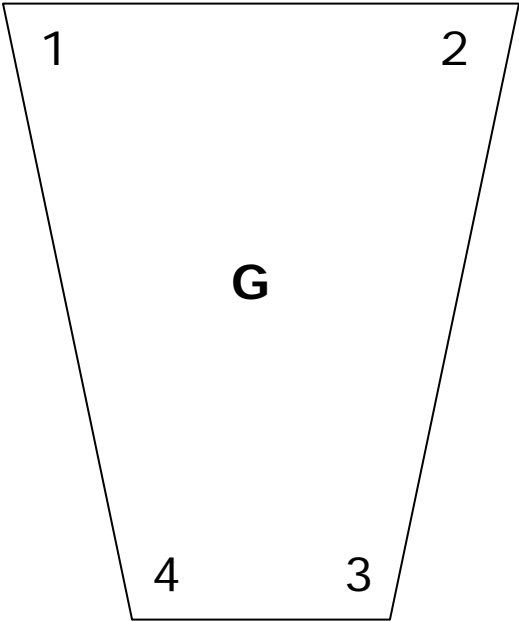
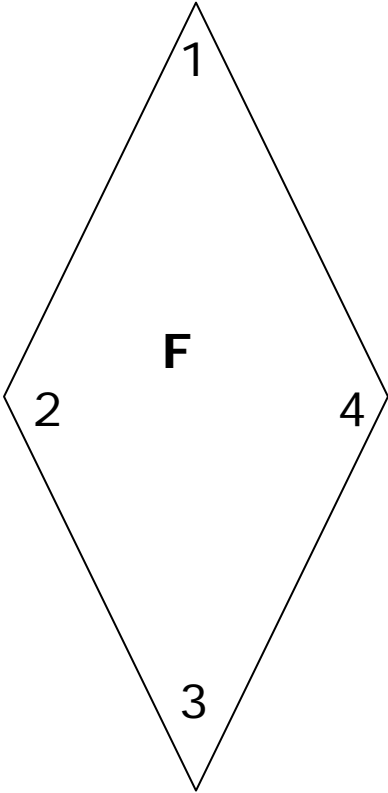
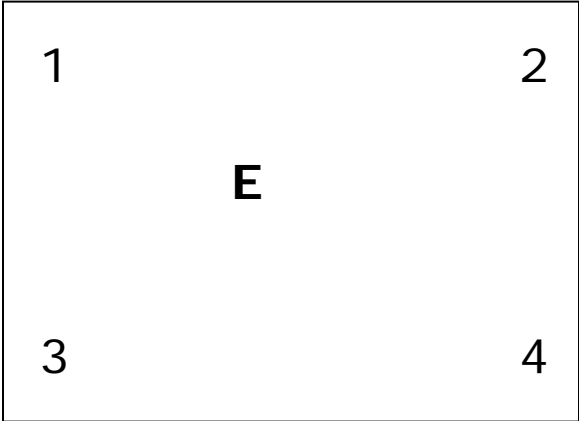
Hexagons	$\angle 1$	$\angle 2$	$\angle 3$	$\angle 4$	$\angle 5$	$\angle 6$	Sum of Angles
 M							
 N							
 O							
 P							

Conclusion(s):

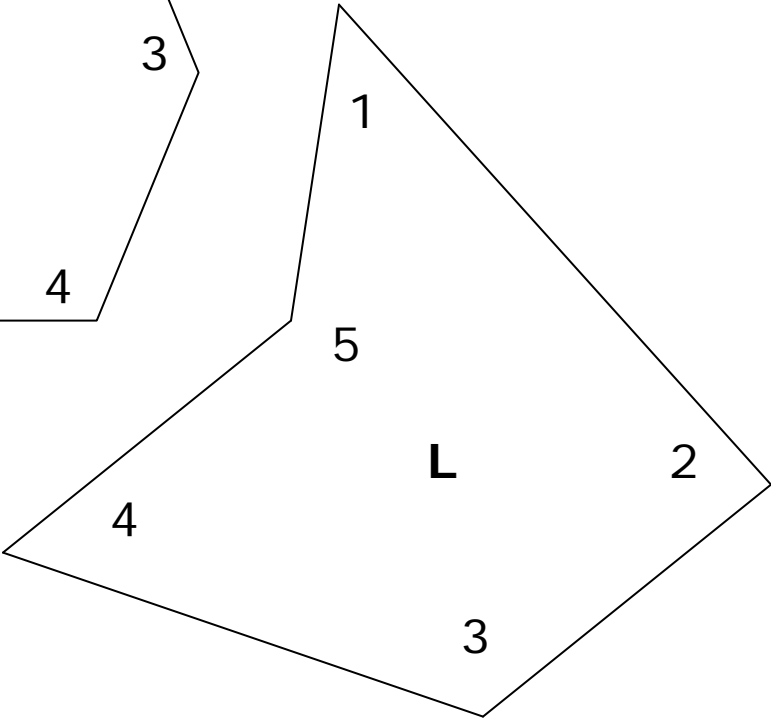
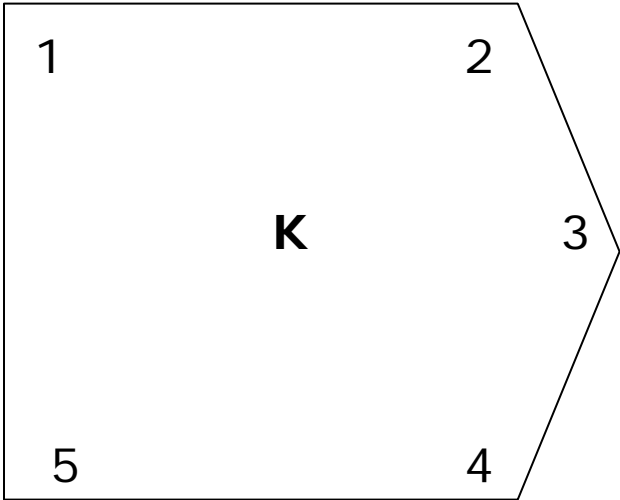
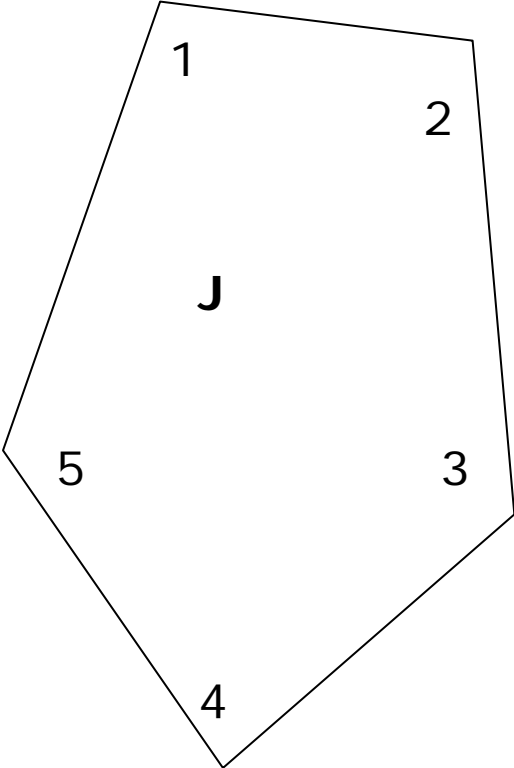
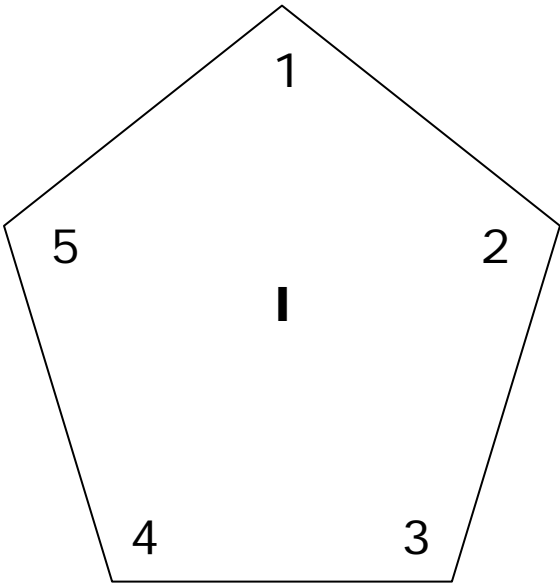
TRIANGLES



QUADRILATERALS



PENTAGONS



HEXAGONS

