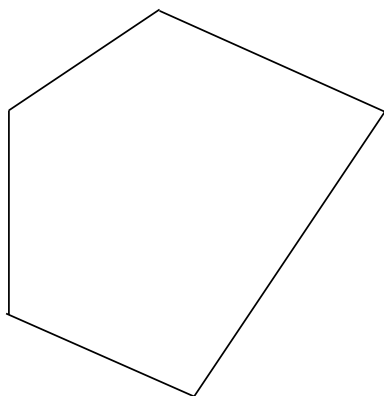
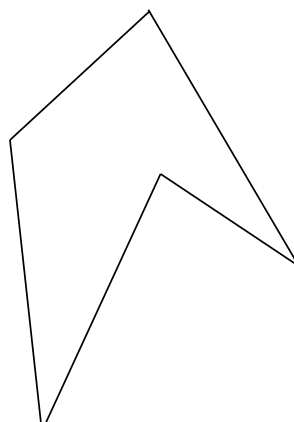


Do-now:

Look at the two polygons below. What are the similarities and differences?



Convex

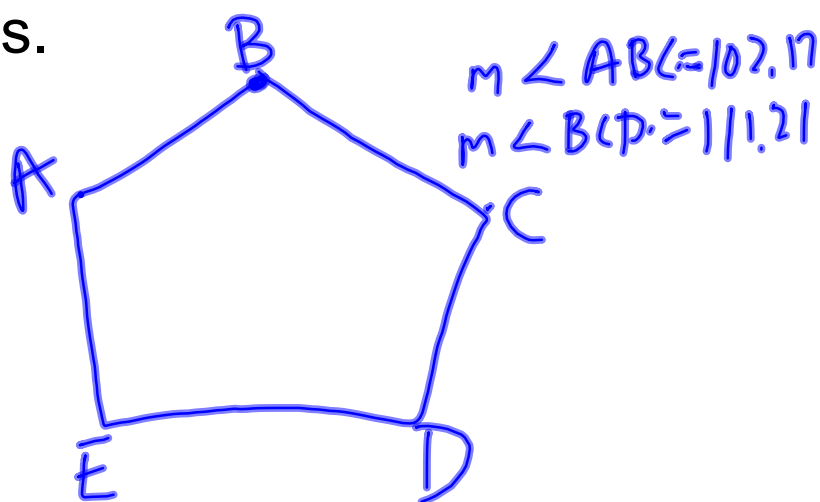


concave

both  
pentagons

## GOAL OF TODAY'S INVESTIGATION:

To determine a general rule that can be used to determine the sum of the interior angles in a polygon with  $n$  sides.



Needed for today's investigation:

There are 180 degrees in a triangle.