

Mathematics

Angles in Polygons.

Downloadable Resource – Exterior angles.

Mr. Thomas



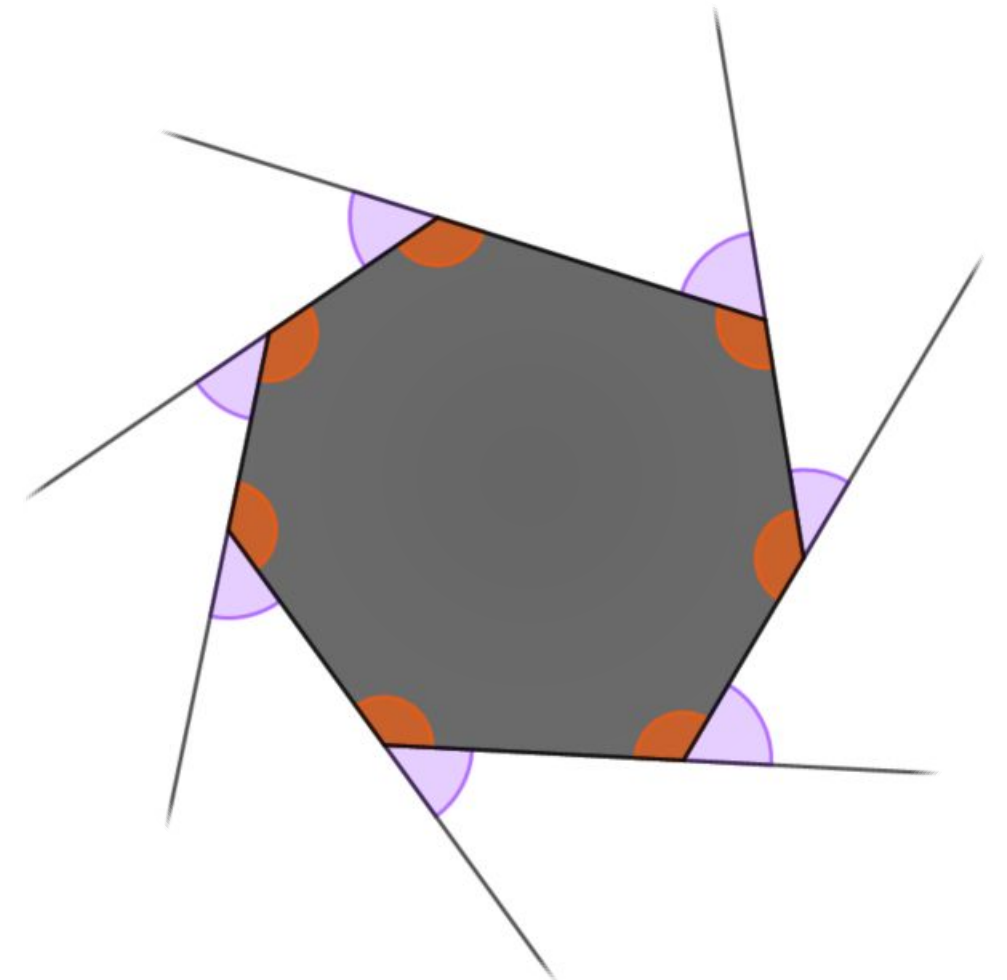
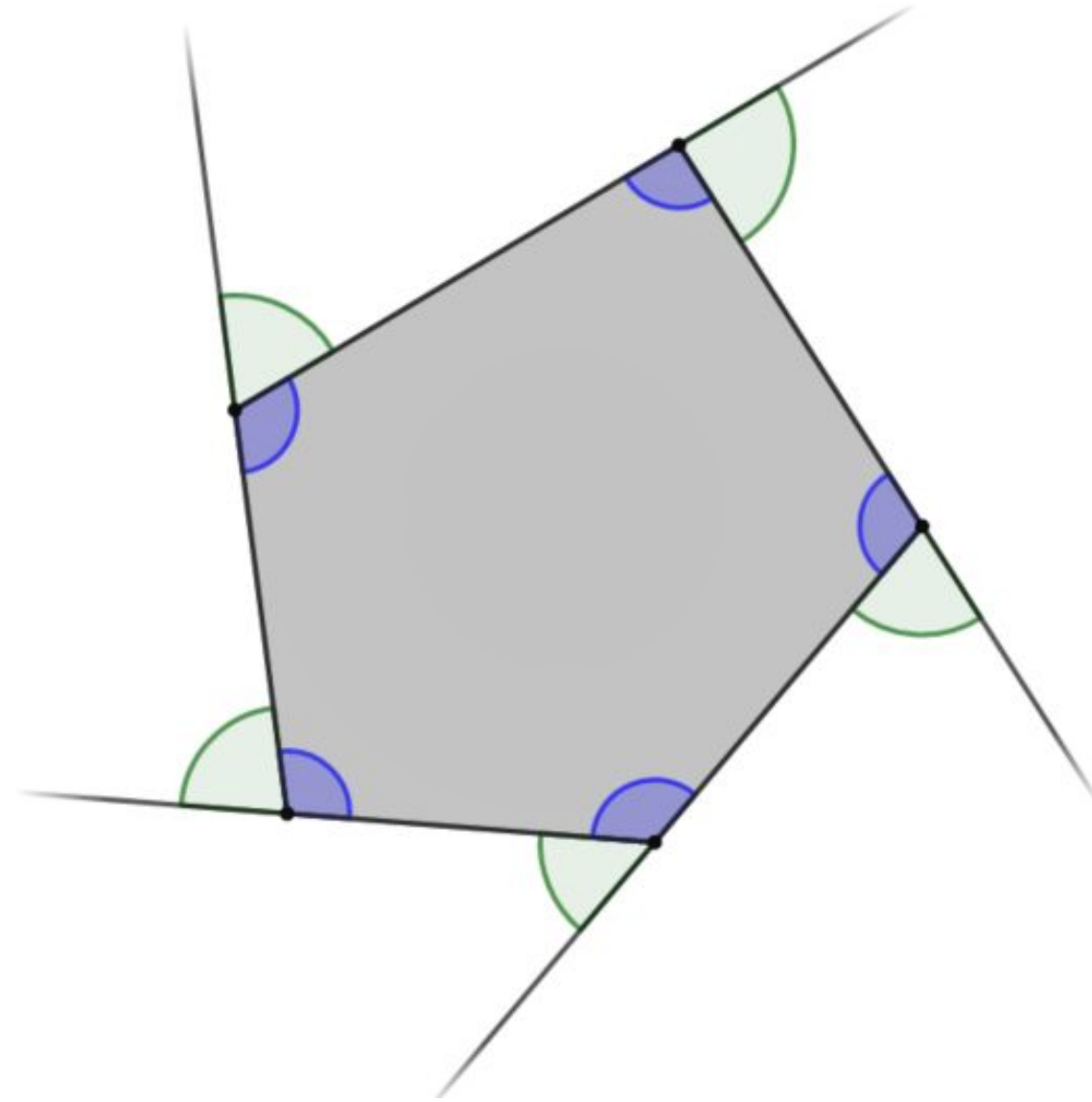
Try this

What angle facts can you give about these shapes?

Some ideas...

The sum of the blue angles are _____

The sum of an adjacent pair of orange and purple angles is _____



Connect

Exterior angle – The angle between a side of a polygon and an adjacent side extended outward.

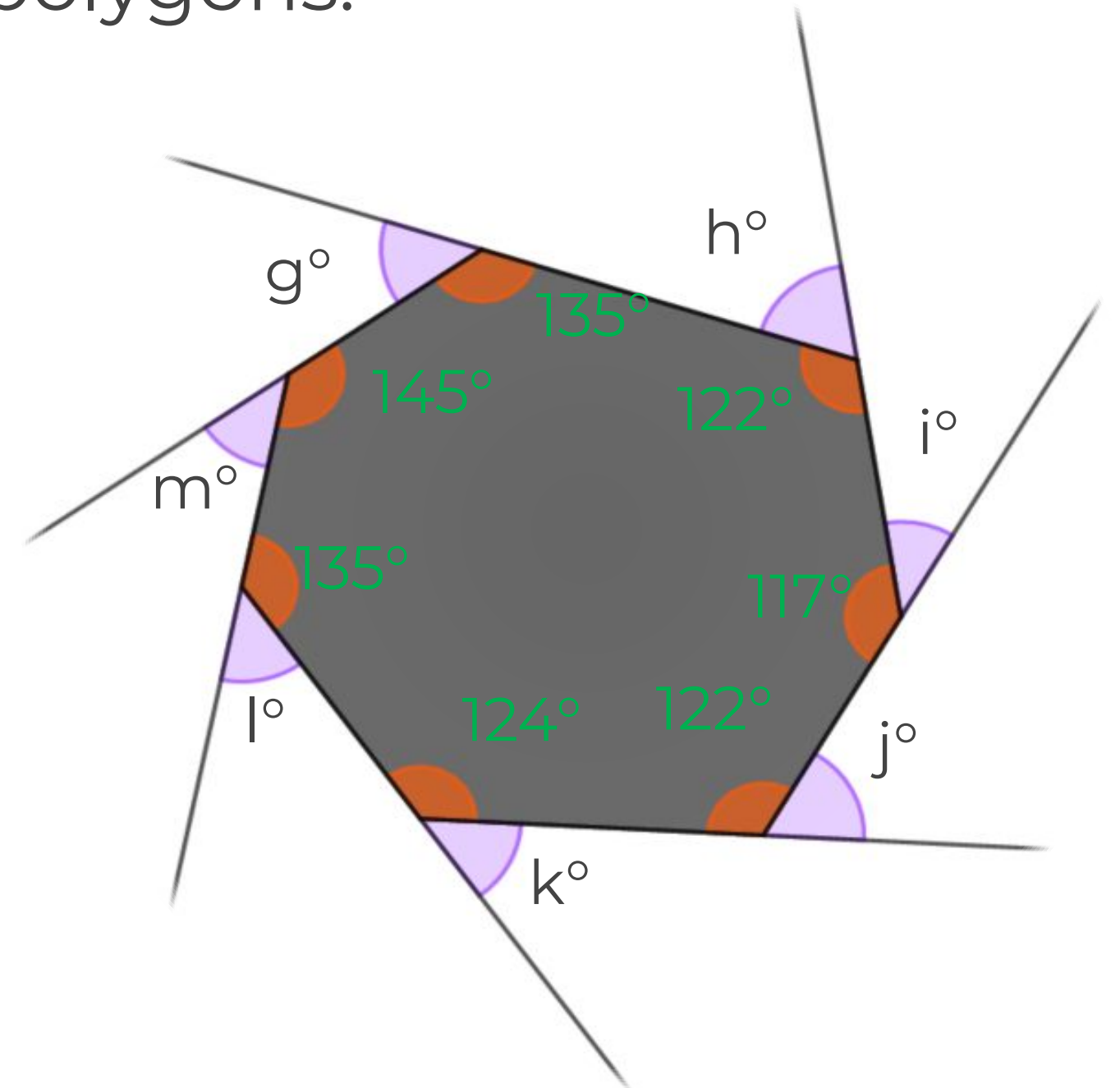
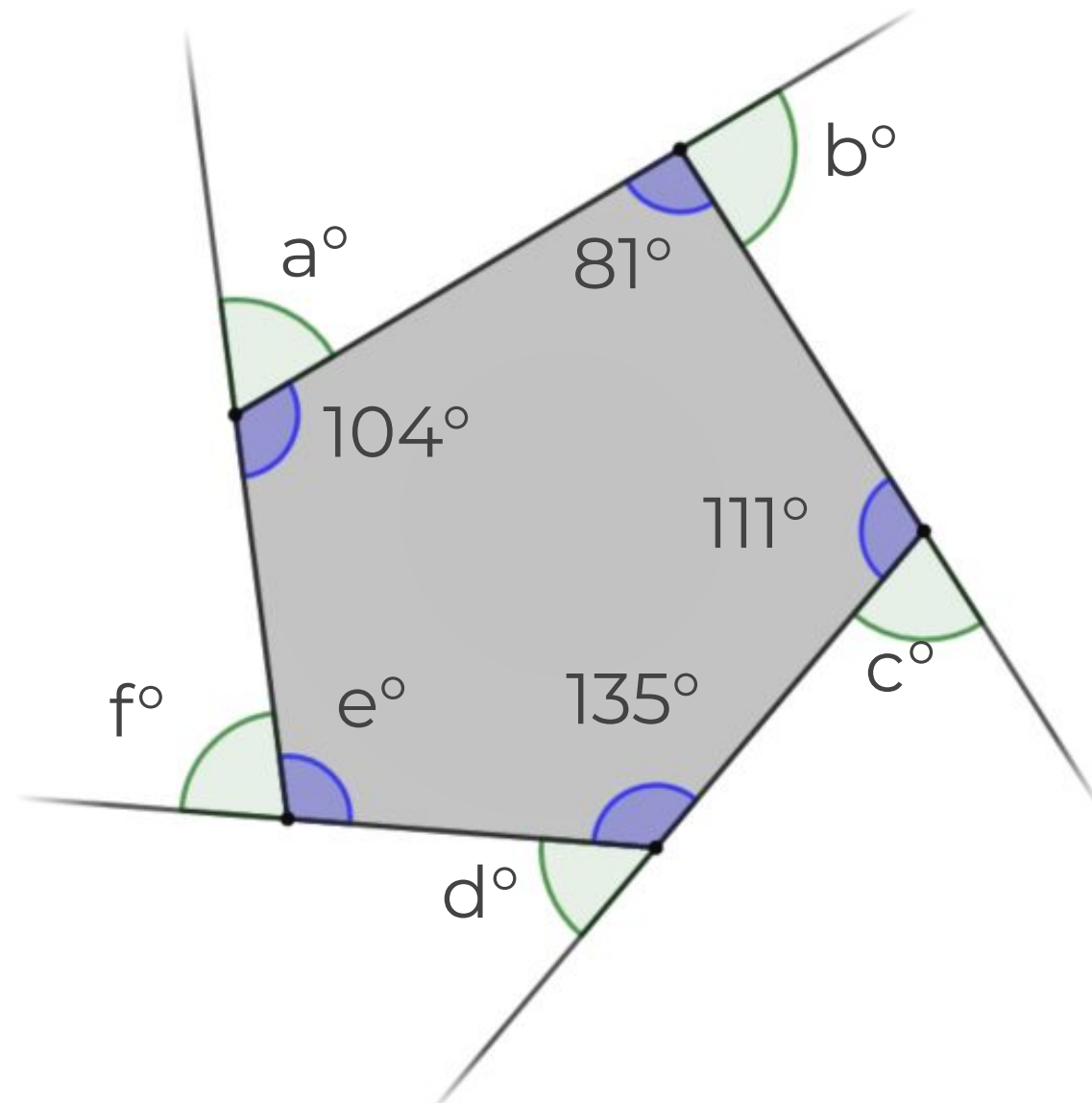
Let's see what is special about exterior angles...

International GeoGebra Institute, 2013



Independent Task

Find the missing exterior angles in these polygons.



Explore

What statements can you make about these angles?

