

Mathematics

**Angles Review.**  
**Downloadable Resource - Angles in**  
**polygons.**

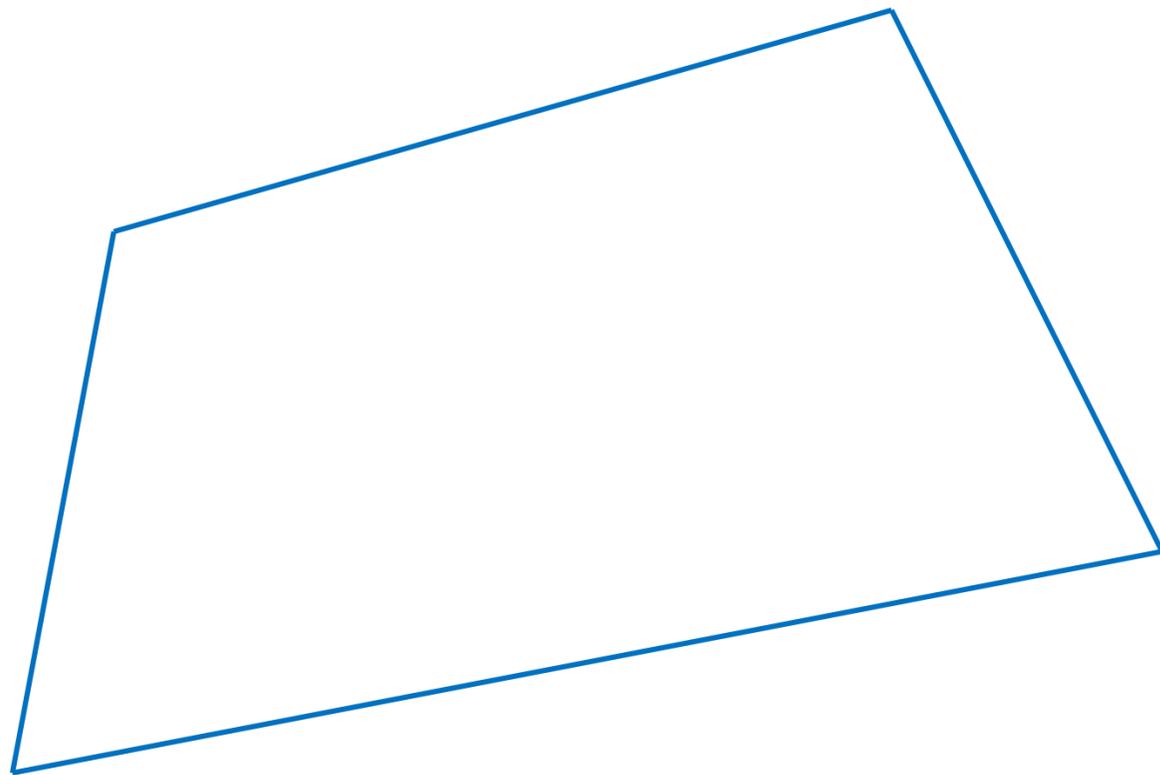
Mr. Thomas



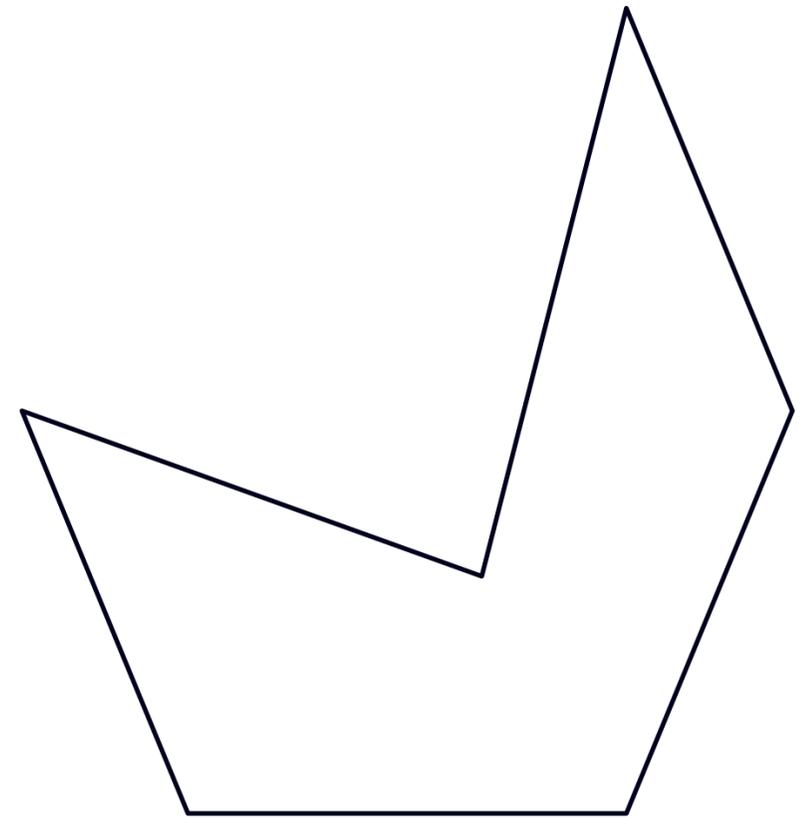
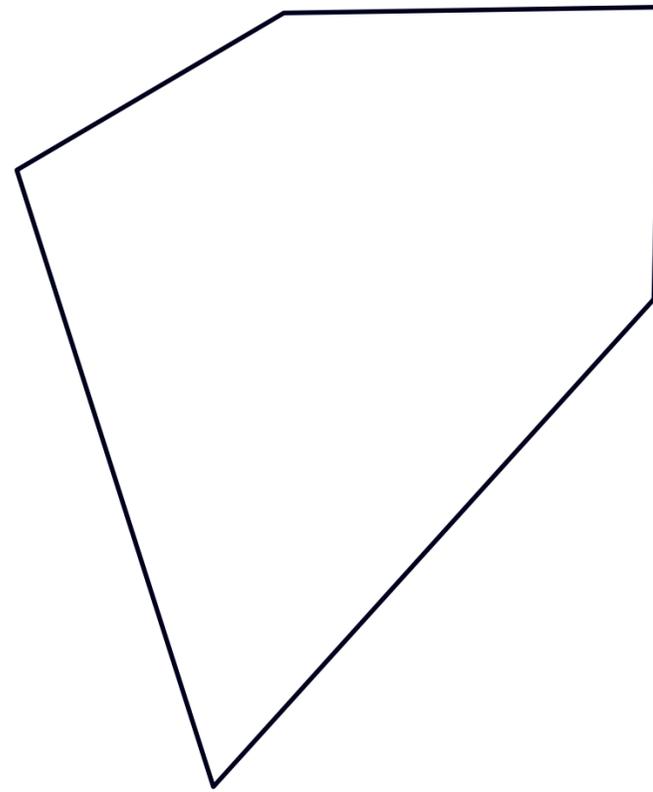
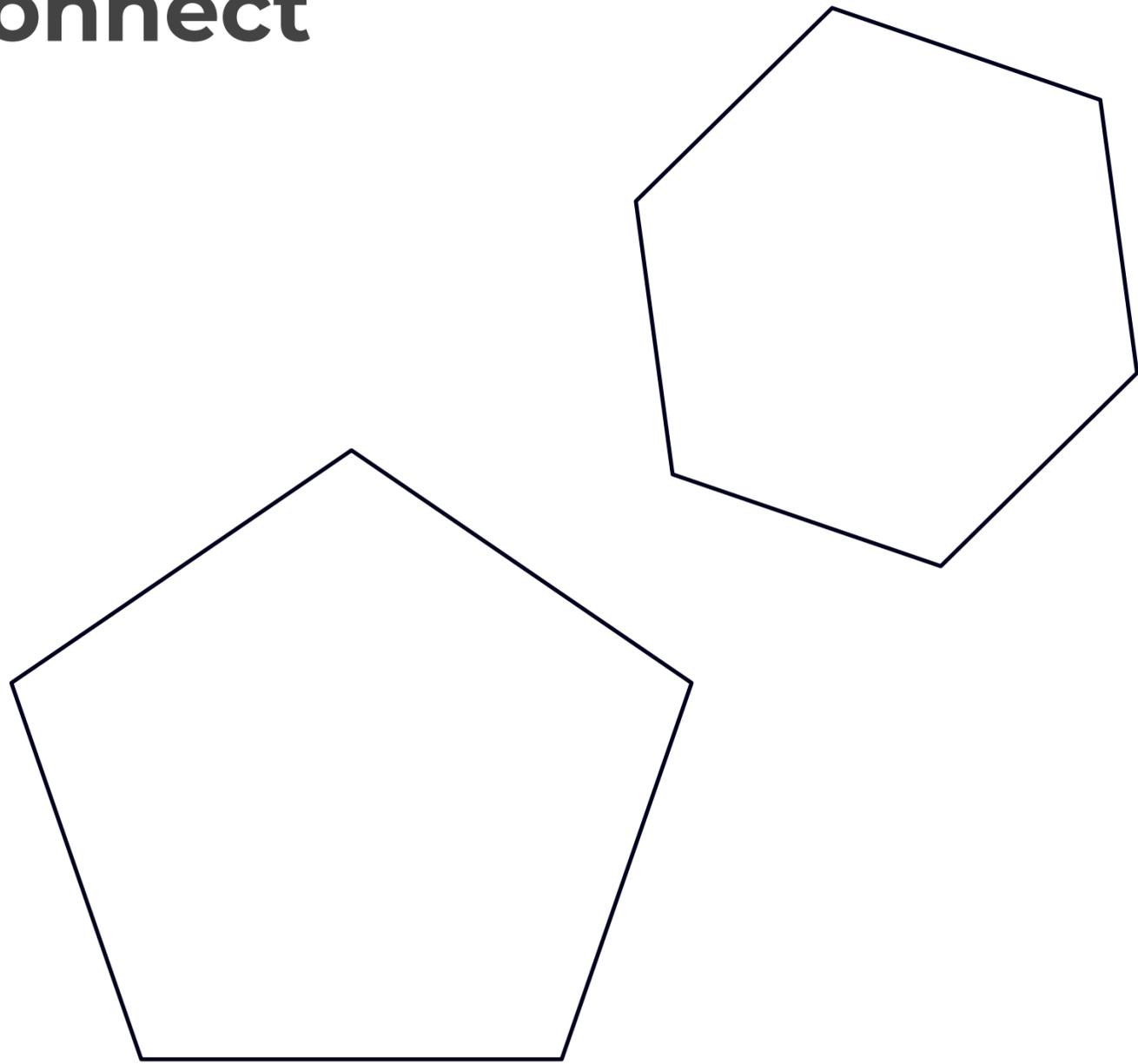
# Try this

What do the interior angles in a quadrilateral add up to?

How can we prove this?

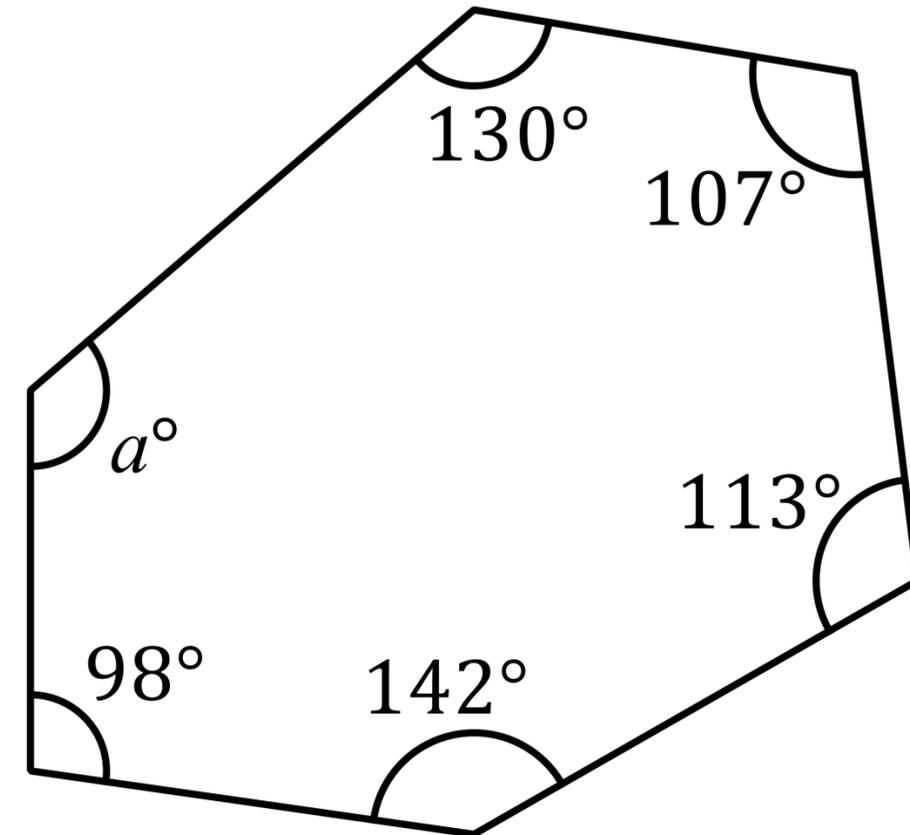
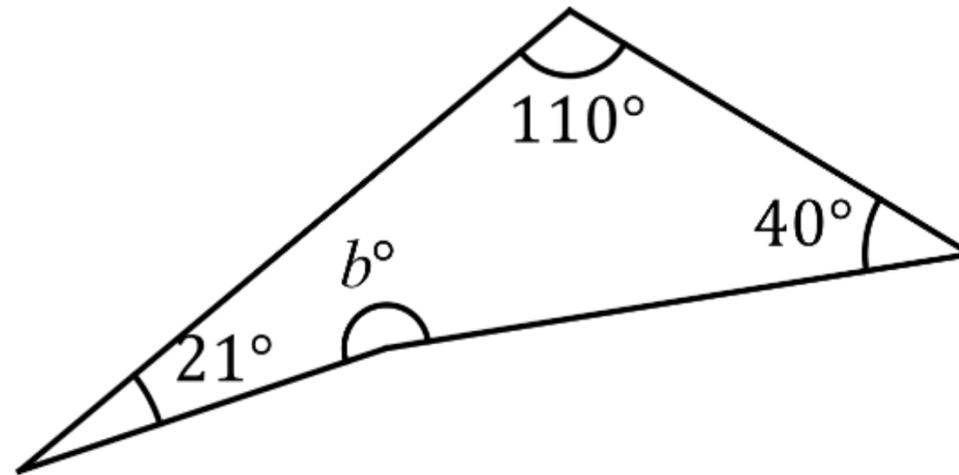
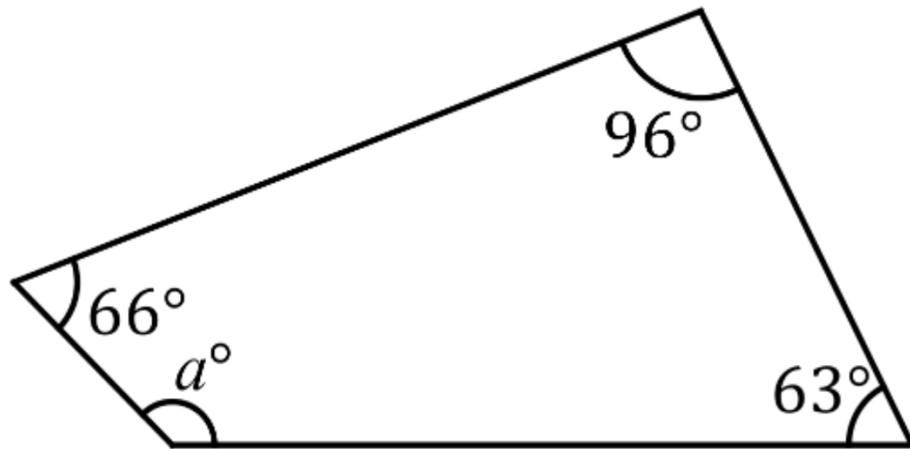


# Connect



# Independent Task

Find the missing angles in the shapes below.

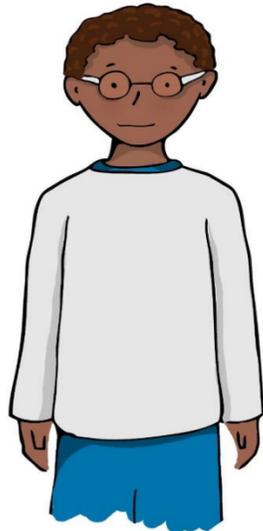


# Explore

Antoni and Xavier are arguing about who is correct.

Who do you think is correct and why?

It is possible to draw a six sided polygon in which all interior angles are  $108^\circ$ .



It is possible to draw a five sided polygon in which all interior angles are  $108^\circ$ .

