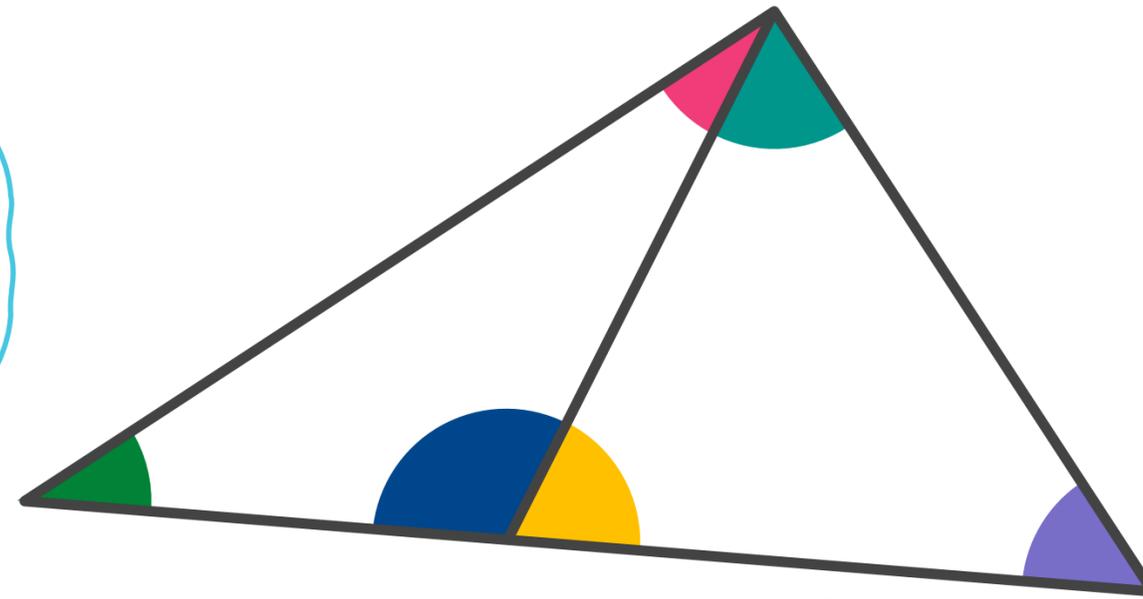
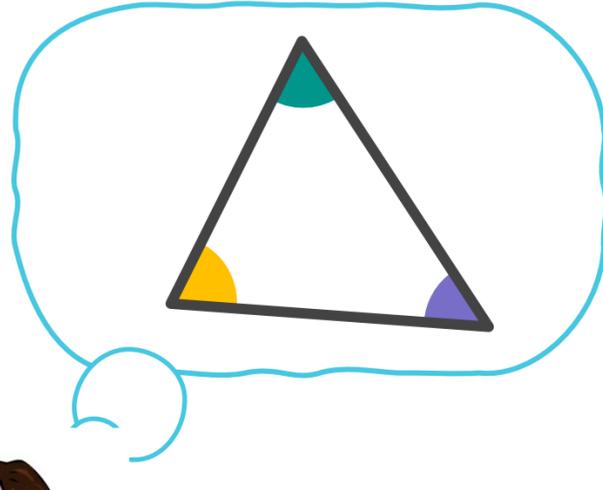
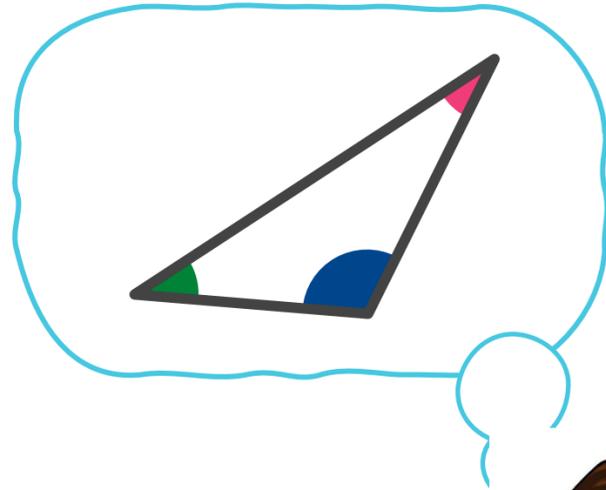


# Angles in Polygons

## Downloadable Resource - Interior angles in triangles



# Try this

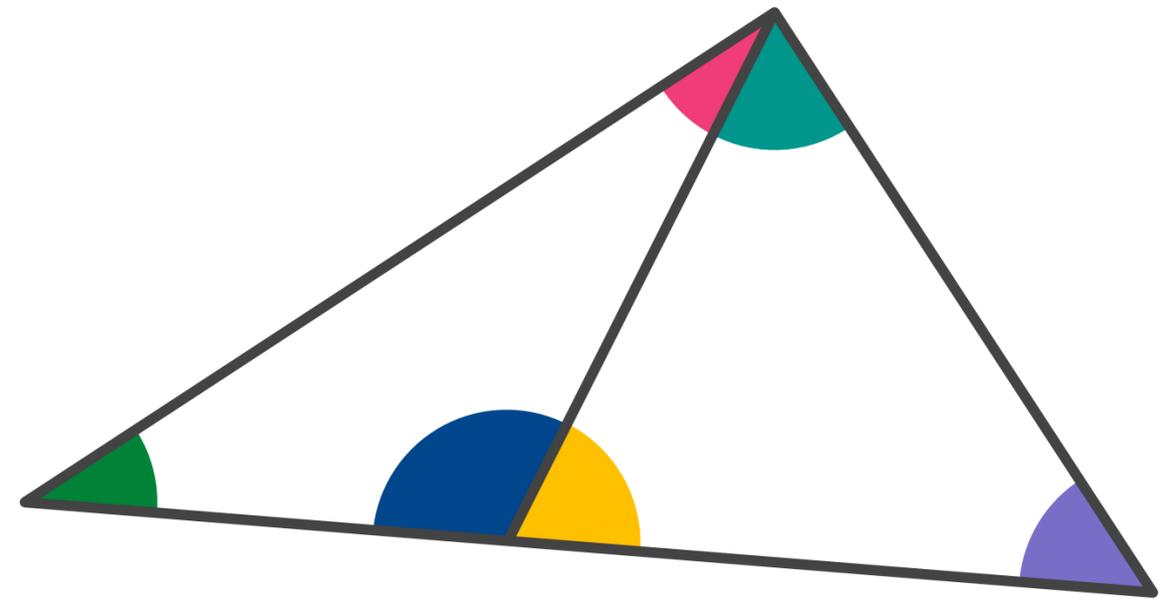


The angles in each of these triangles sum to  $180^\circ$ . Therefore, the sum of the angles in the total shape is  $360^\circ$

Do you agree or disagree with Binh's statement?

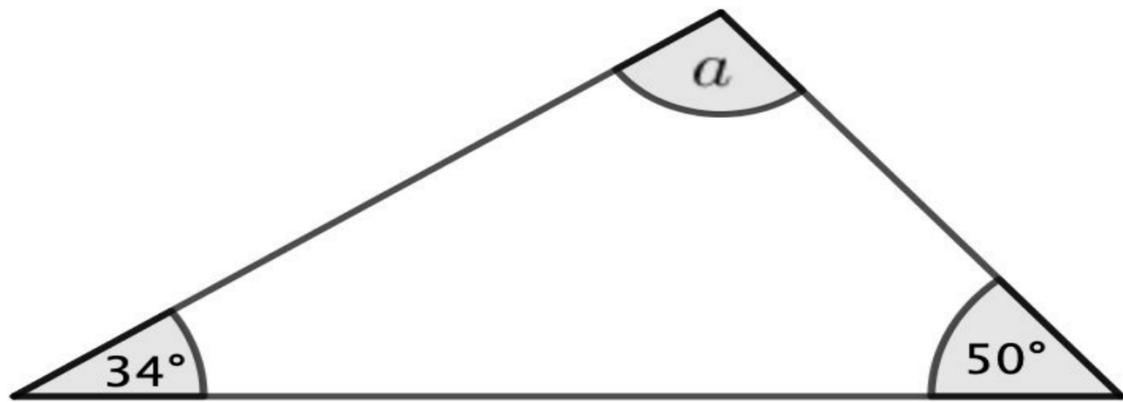


# Connect

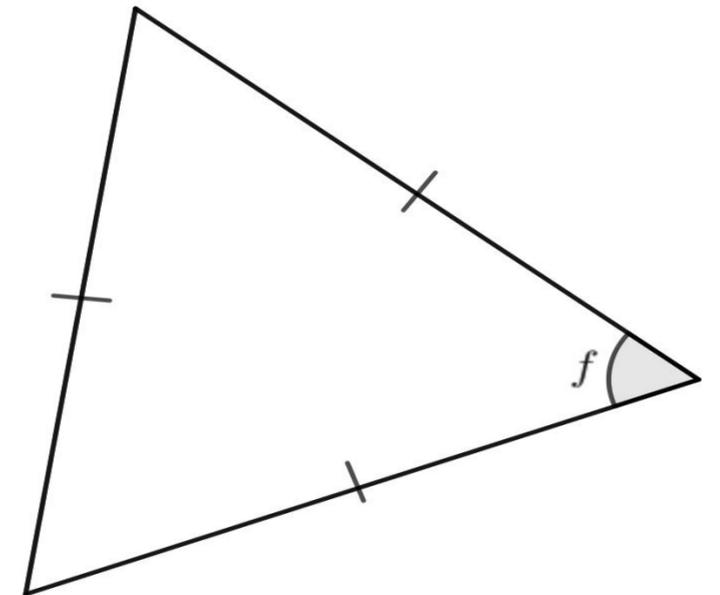
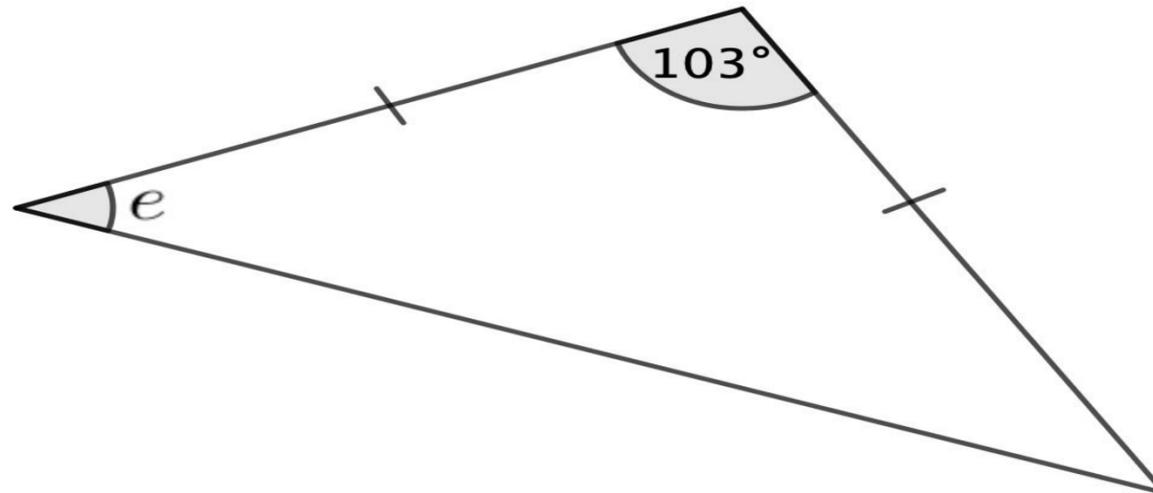
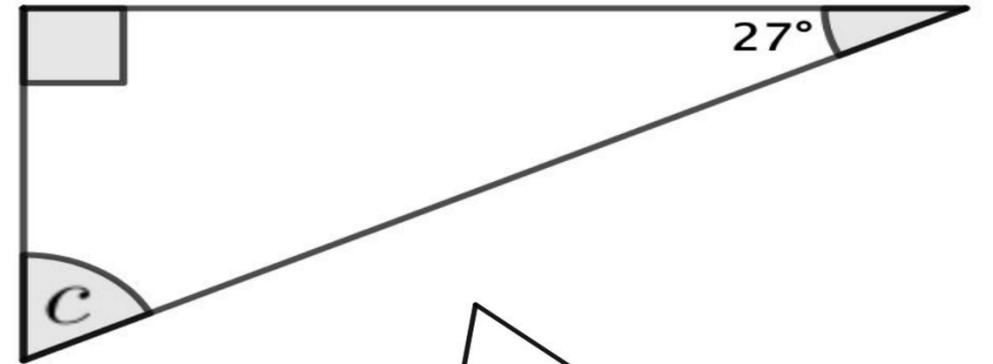
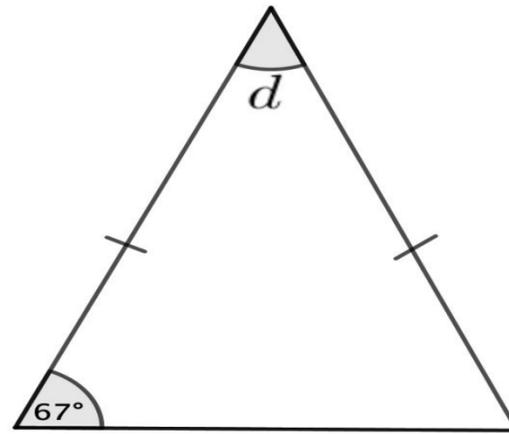
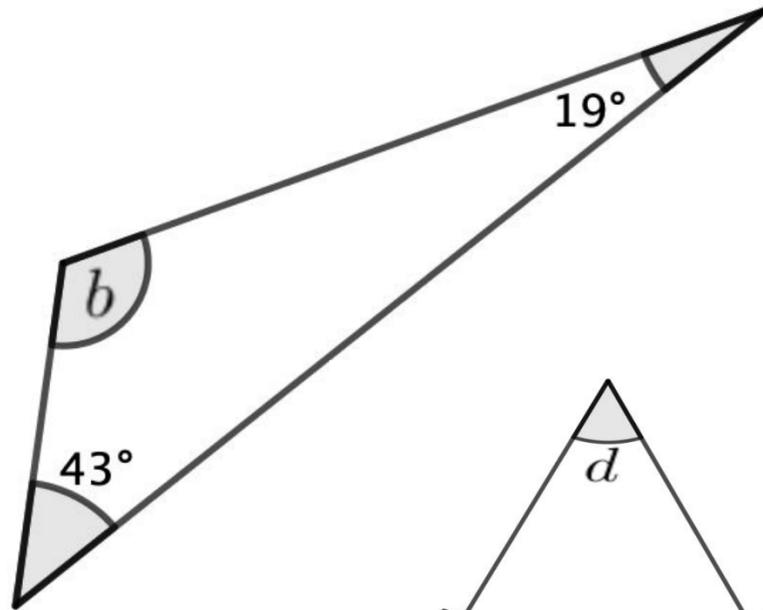


# Independent Task

Find the missing angles in each of the triangles

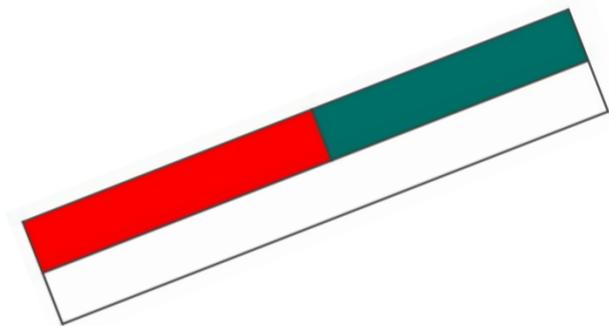
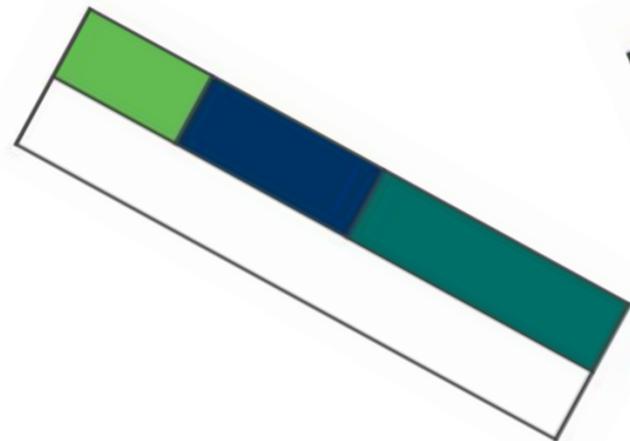
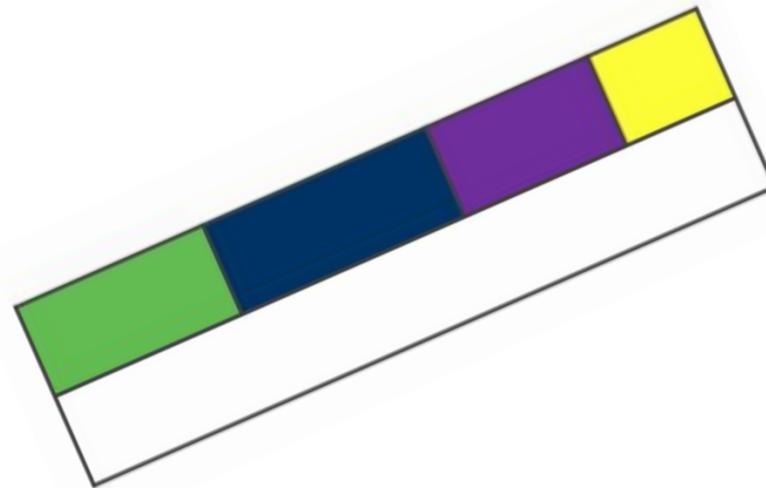
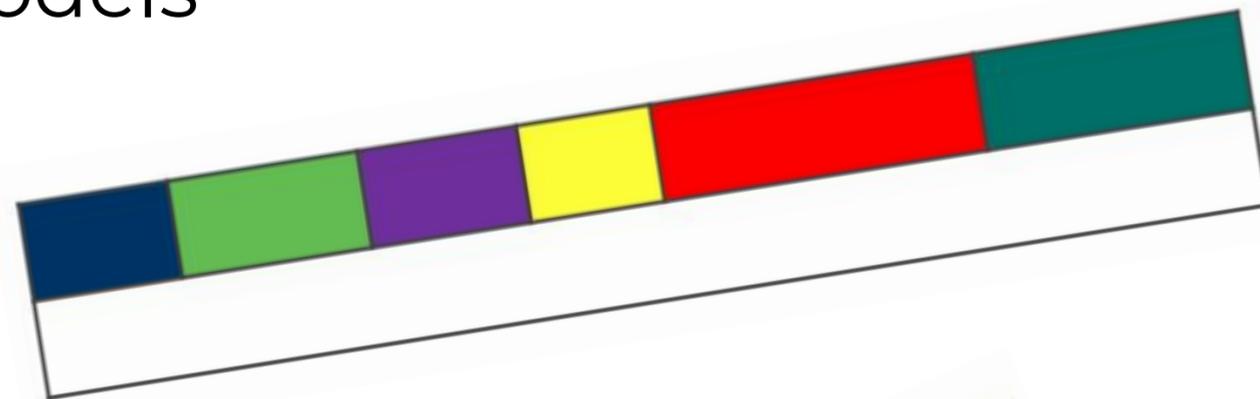
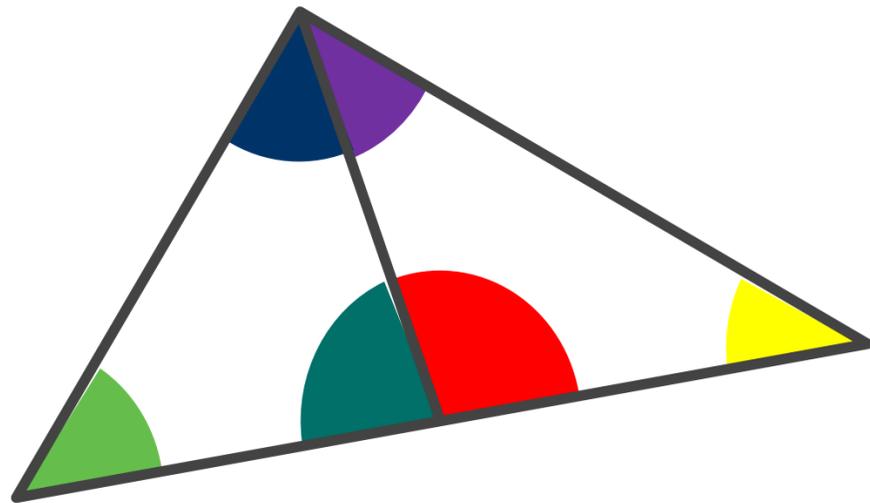


$a$	50	34
180		



# Explore

Complete these bar models



I think the red angle is the same size as the dark blue and green angle combined...

Do you agree?

