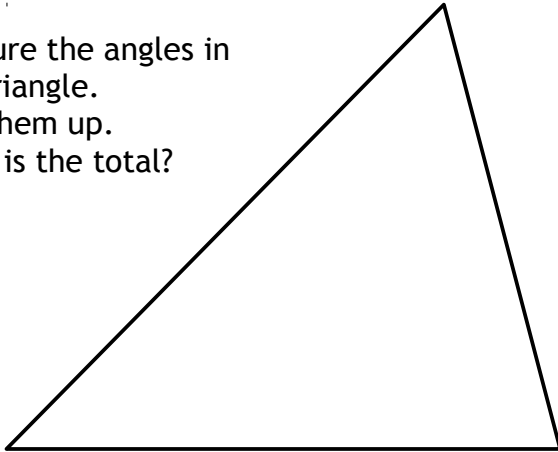


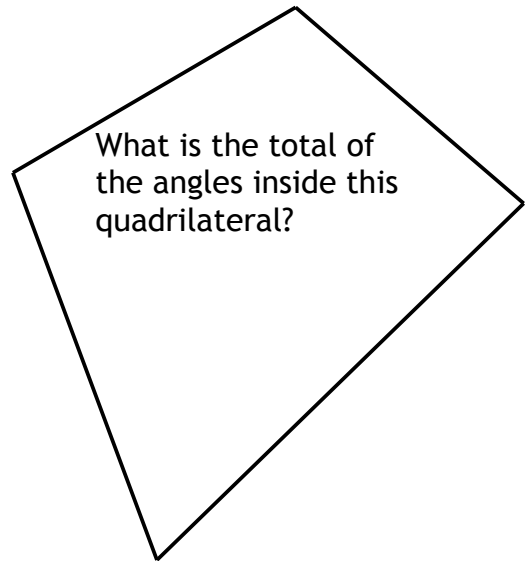
# Angle investigation

*You will need a protractor for this investigation.*

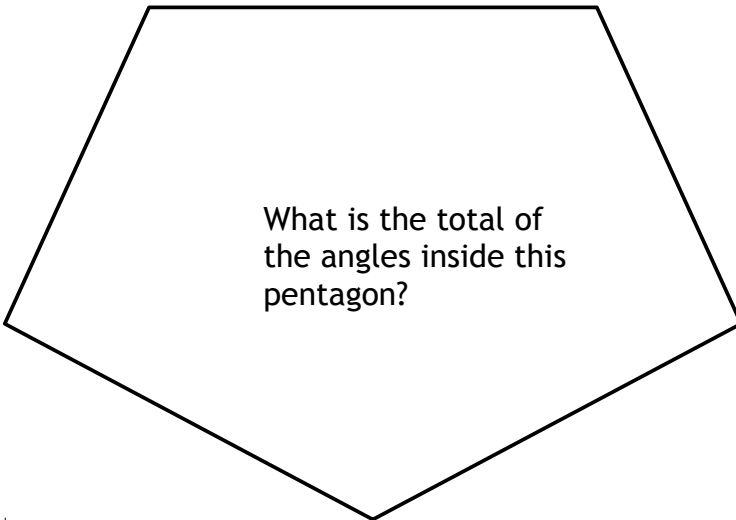
Measure the angles in the triangle.  
Add them up.  
What is the total?



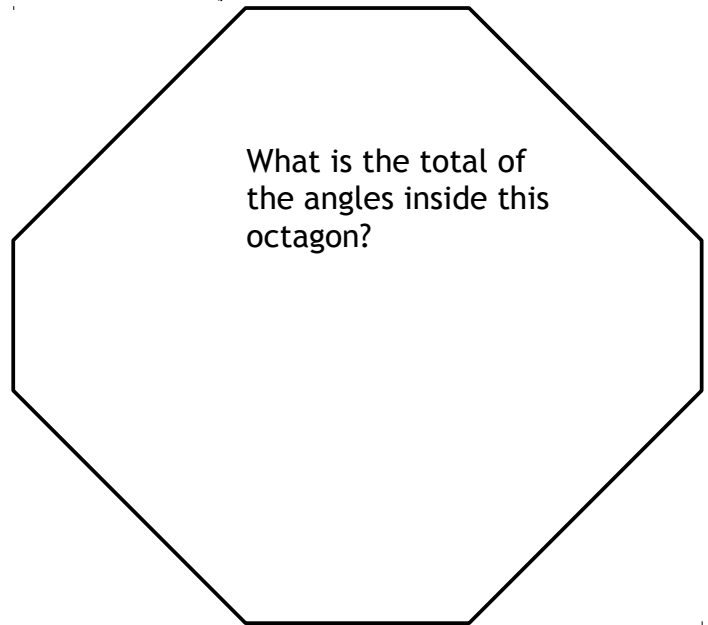
What is the total of the angles inside this quadrilateral?



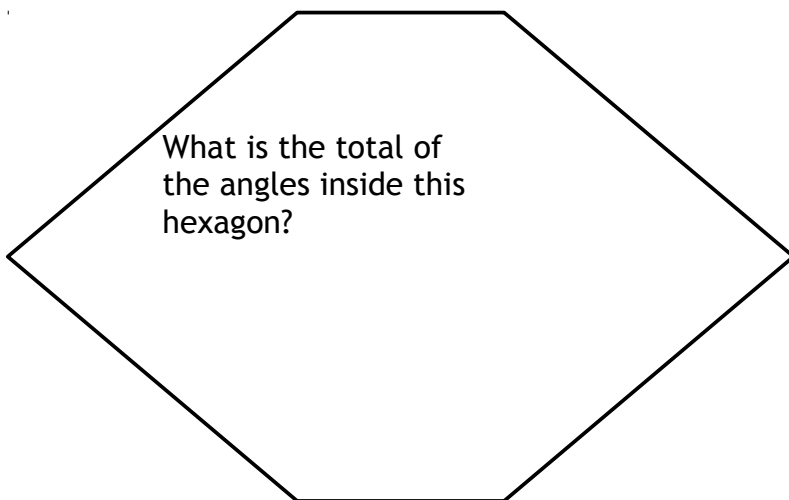
What is the total of the angles inside this pentagon?



What is the total of the angles inside this octagon?



What is the total of the angles inside this hexagon?



Organise your results into a table showing the number of sides and the total interior angle.

Can you spot the pattern?

Can you predict the total angle that a seven sided polygon will have?