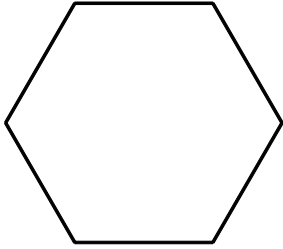
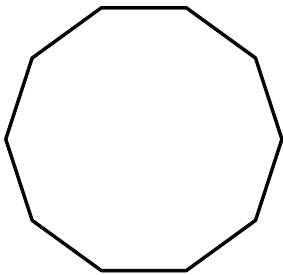


*P.I. G.G.36: Investigate, justify, and apply theorems about the sum of the measures of the interior and exterior angles of polygons*

- Find the sum of the measures of the interior angles in the figure.



- Find the sum of the measures of the interior angles in the figure.

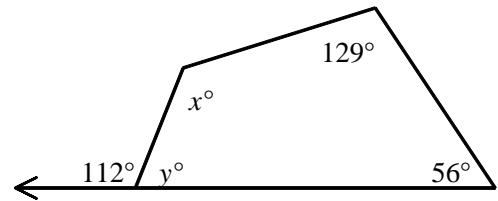


- Find the sum of the measures of the interior angles of an octagon.

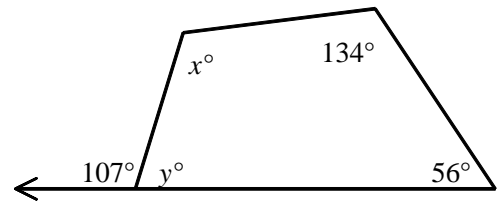
NAME: \_\_\_\_\_

- Find the sum of the measures of the interior angles of a pentagon.

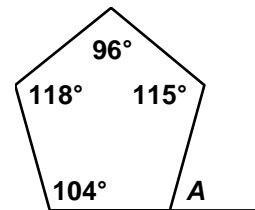
- Find  $x$  and  $y$ .



- Find  $x$  and  $y$ .



- Find  $m\angle A$ .



- [A]  $104^\circ$       [B] 108      [C] 117  
[D] 73      [E] 72

Geometry Practice: G.G.36

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[1]  $720^\circ$  \_\_\_\_\_

[2]  $1440^\circ$  \_\_\_\_\_

[3]  $1080^\circ$  \_\_\_\_\_

[4]  $540^\circ$  \_\_\_\_\_

[5]  $x = 107, y = 68$  \_\_\_\_\_

[6]  $x = 97, y = 73$  \_\_\_\_\_

[7] D \_\_\_\_\_