	n
Number of sides							
Name of polygon							
Number of triangles (after triangulating)							
Sum of interior angles							
Each interior angle measure (regular polygon)							
Each exterior angle measure							
Sum of exterior angles							

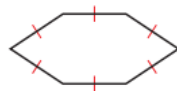
**Key Idea 1:** To find the sum of the interior angles measures \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Key Vocab:**

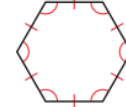
Equilateral



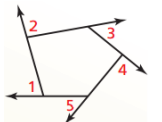
Equiangular



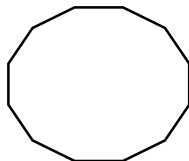
Regular



**Key Idea 2:** The sum of the exterior angles measures  $360^\circ$ .



**Example:** Find the sum of the interior angles.



**Example:** If the sum of the interior angles of a polygon is  $1620^\circ$ , how many sides does it have?

**Example:** Find x.

