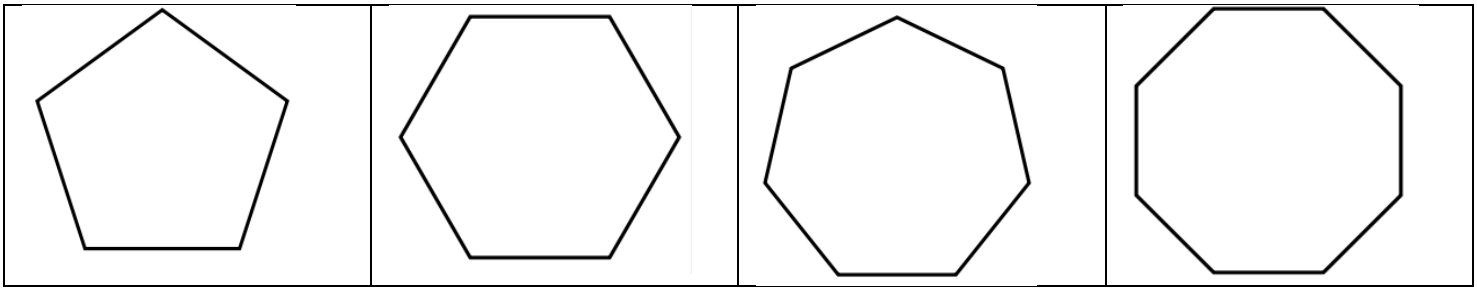
Definitions and Notes for Chapter 5



# of sides:_____ # of sides:_____ # of sides:_____ # of sides:_____

# of triangles:_____ # of triangles:_____ # of triangles:_____ # of triangles:_____

sum of degrees:_____ sum of degrees:_____ sum of degrees:_____ sum of degrees:_____

Polygon Sum Conjecture:
The sum of the measures of the *n* interior angles of an *n*-gon is: _____

Sides	Name
3	Triangle
4	Quadrilateral
5	Pentagon
6	Hexagon
7	Heptagon
8	Octagon
9	Nonagon
10	Decagon
11	Undecagon
12	Dodecagon
n	*n*-gon

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Number of sides of polygon	7	8	9	10	11	20
Sum of measures of angles						

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Number of sides of equiangular polygon	5	6	7	8	9	10	12	16
Measures of each angle of equiangular polygon								

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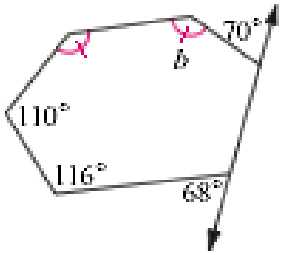
4. $b = ?$



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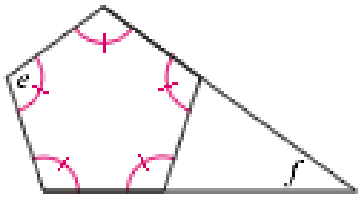
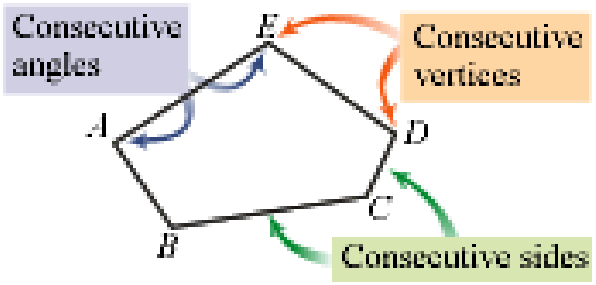
5. $e = ?$

$f = ?$



Vocabulary

Word	Definition	Picture	a NON-example (what is this word NOT?)
Polygon			
Side			
Vertex			
Equilateral			
Equiangular			
Regular			
Diagonal			
Convex			
Concave			
Consecutive angles			
Consecutive sides			
Consecutive vertices			