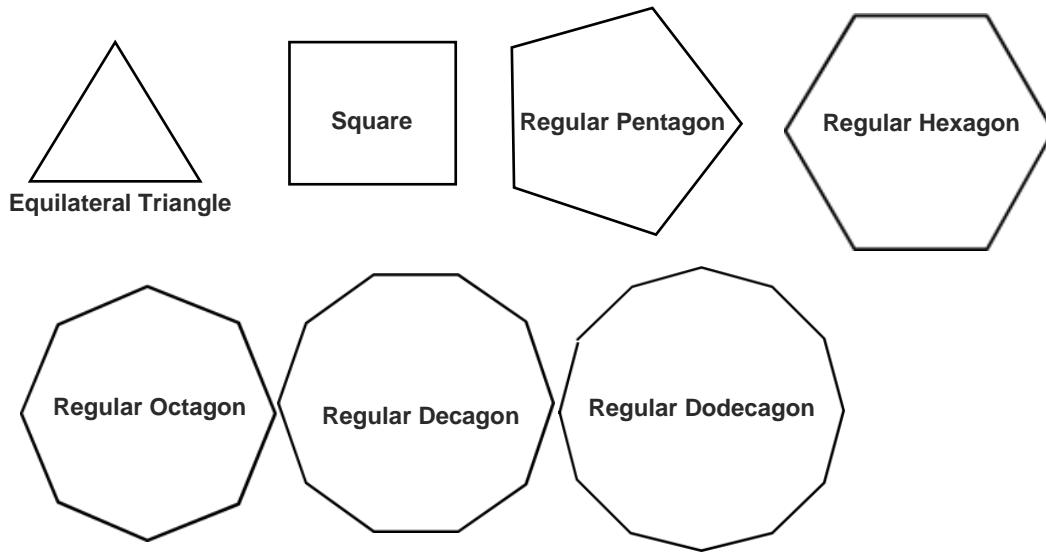


**Exterior Angles of a Polygon Worksheet**



Explore the relationship of the number of sides of a regular polygon and the **Exterior Angles**.

Name	# of Sides	Measure of an Exterior Angle	Sum of the Measure of the Exterior Angles
Equilateral Triangle			
Square			
Regular Pentagon			
Regular Hexagon			
Regular Octagon			
Regular Decagon			
Regular Dodecagon			

Write an assumption about **Exterior Angles** of a Regular Polygon. Think about breaking apart the polygon into triangles as shown below.

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