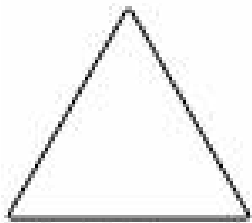
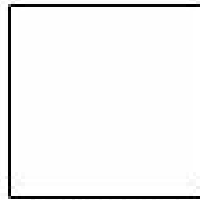


## Regular Polygons

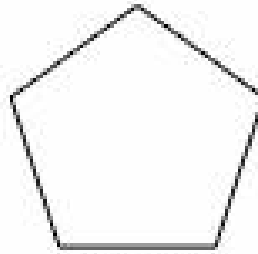
Name	Number of Sides	Exterior Angle	Interior Angle	
Triangle	3			
Square	4			
Pentagon	5			
Hexagon	6			
Septagon	7			
Octagon	8			
Nonagon	9			
Decagon	10			
Hendecagon	11			
Dodecagon	12			
Pentadecagon	15			
Icosagon	20			



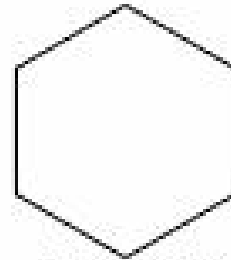
Equilateral  
Triangle



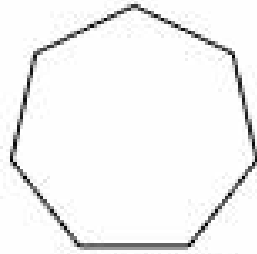
Square



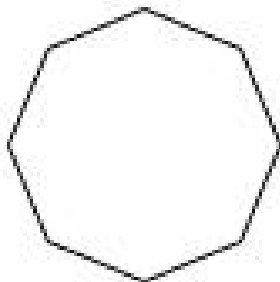
Regular  
Pentagon



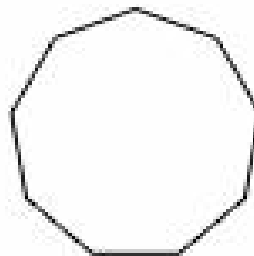
Regular  
Hexagon



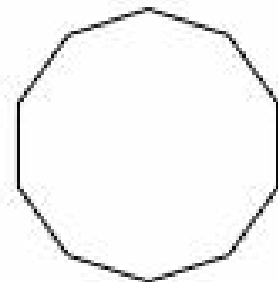
Regular  
Heptagon



Regular  
Octagon



Regular  
Nonagon



Regular  
Decagon

**Regular Polygons Worksheet**  
**Calculating Interior Angles**

**1. Square**

**2. Pentagon**

**3. Hexagon**

**After you calculate the interior angle for each regular polygon, can you tell which polygons you could use to tile a bathroom floor?**

**Are the interior angles getting bigger or smaller?  
What shape are the polygons "approaching"?**