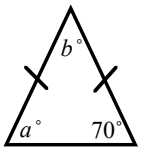
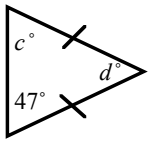
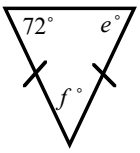
E). Special Triangles

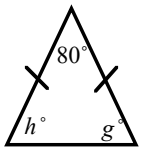
Y6

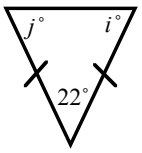
Reminder: An **Isosceles triangle** has 2 sides equal and the two base angles equal.
An **Equilateral triangle** has all the sides the same length and all the angles equal.

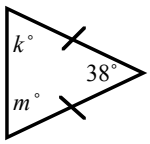
1). 

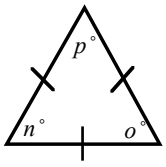
2). 

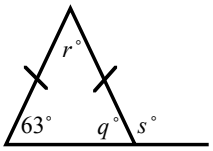
3). 

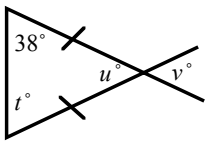
4). 

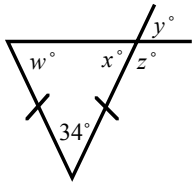
5). 

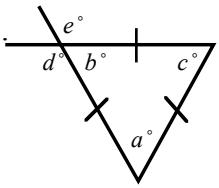
6). 

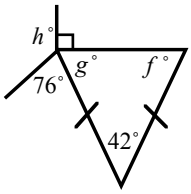
7). 

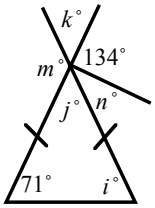
8). 

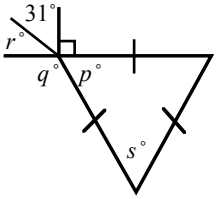
9). 

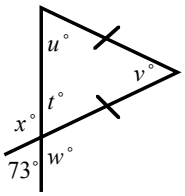
10). 

11). 

12). 

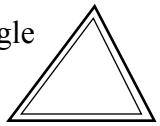
13). 

14). 

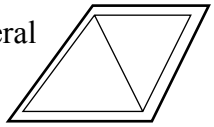
15). 

F). Angle Sum of Polygons

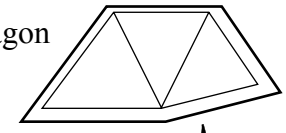
All polygons can be made up of triangles.

Triangle 

1 triangle
interior angles
$1 \times 180^\circ = 180^\circ$

Quadrilateral 

2 triangles
interior angles
$2 \times 180^\circ =$

Pentagon 

3 triangles

Copy and complete these diagrams.
Draw the diagrams up to a decagon (10-sided shape).
Copy and complete the table below.

Polygon	Number of sides	Number of triangles	Sum of interior angles
Triangle	3	1	$1 \times 180^\circ = 180^\circ$
Quadrilateral	4	2	
Pentagon			
Hexagon			
Heptagon			
Octagon			
Nonagon			
Decagon			

