

MathFLIX CHALLENGE

Measurement: Perimeter

Complete the table below.

Polygon	# of sides (n)	Perimeter (P)	Equation (s = P/n)	Length of Side(s)
Equilateral triangle	3	60	$60/3 = 20$	20
Square	4	60	$60/4 = 15$	15
Regular pentagon	5	60		
Regular hexagon	6	60		
Regular heptagon	7	60		
Regular octagon		60		
Regular nonagon		60		
Regular decagon		60		
Regular unagon		60		
Regular dodecagon		60		

On the back of the paper, make a sketch of each polygon and label the side. (What happens to the length of the polygon sides as the number of sides increases?)

Find the perimeter of the COUNTDOWN studio.

