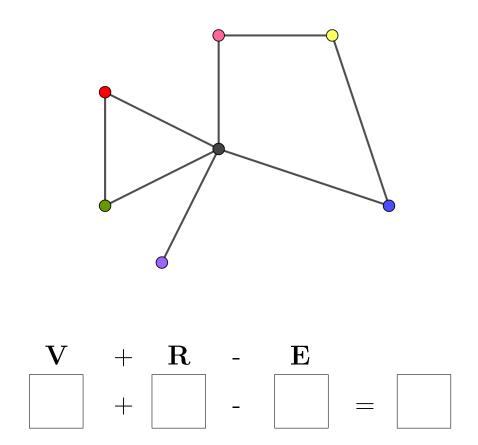


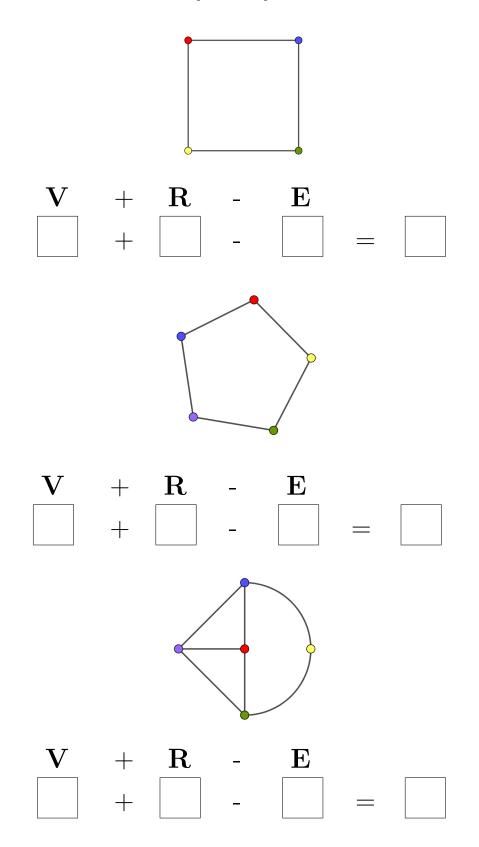
This graph has 3 Vertices 3 Edgesand it divides the page into 2 Regions Leonhard Euler is a famous mathematician, who made an important discovery in graph theory. He discovered something interesting when he calculated:

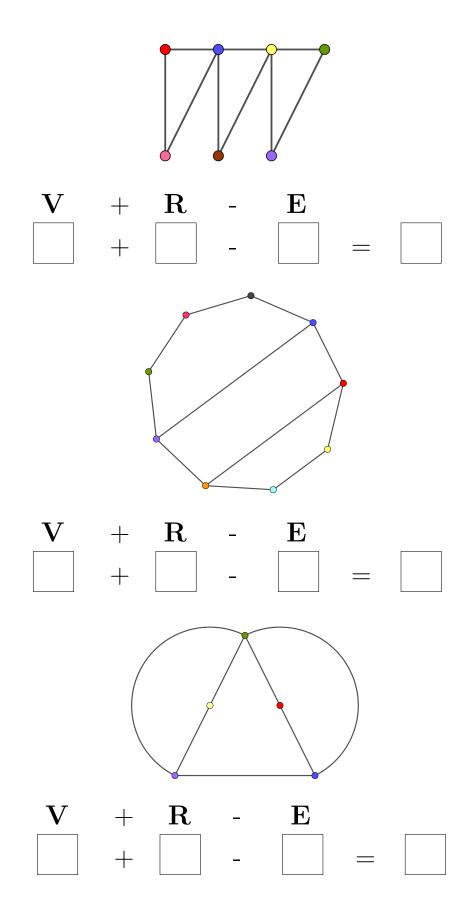


Let's calculate it for this graph:



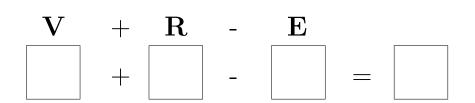
Now you try some!





Design your own graph, and see if the pattern continues!

My graph:



Let's try a 3D graph. For 3D graphs, instead of regions we use **faces**.

