

GRAPH COLORING: It is possible to color the dots of this graph with three colors so that any two dots joined by a line get different colors—but, it's pretty hard. Nobody knows if there is a fast way to solve the 3-coloring problem, but for two colors you might find a pretty fast method. Finding faster coloring recopied is one of the things that mathematical scientists work on, because there are lots of different kinds of conflict graphs.

