

Mastex mind The goal of this puzzle is to determine the oxder in which the color goes. In this puggle, there are four coloss Red Blue Gorean Purple They are in some order, but the order is hets say that you make a guess and say that the order is ored, blue, green, purple $\longrightarrow \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc = 2$ I will tell you that only 2 of the colors are in their sight position. Other two ore not. You made another guess, and say that blue , seed , grean , purple I say that none of them are in their signt position. # Rules Only one position per color Only one color per position

Encode the above game in propositional logic and figure out the correct order of the colors.