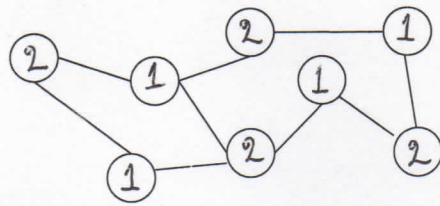
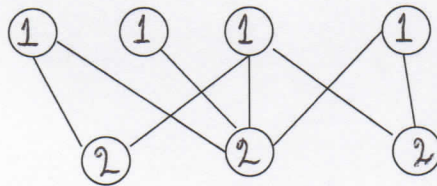


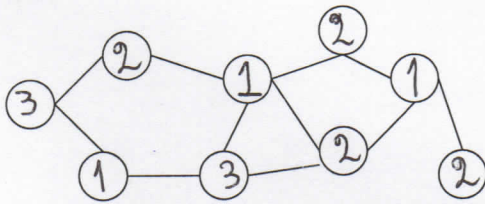
Color the following graphs with as few colors as possible.



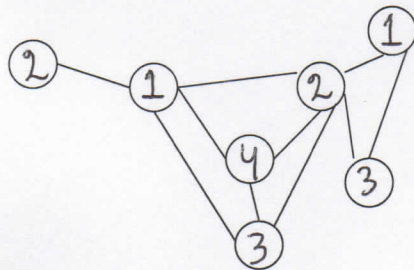
chromatic number 2
(2 colors needed)



chromatic number 2
(2 colors needed)



chrom. number is 3



chrom. number is 4

(node numbers represent colors)