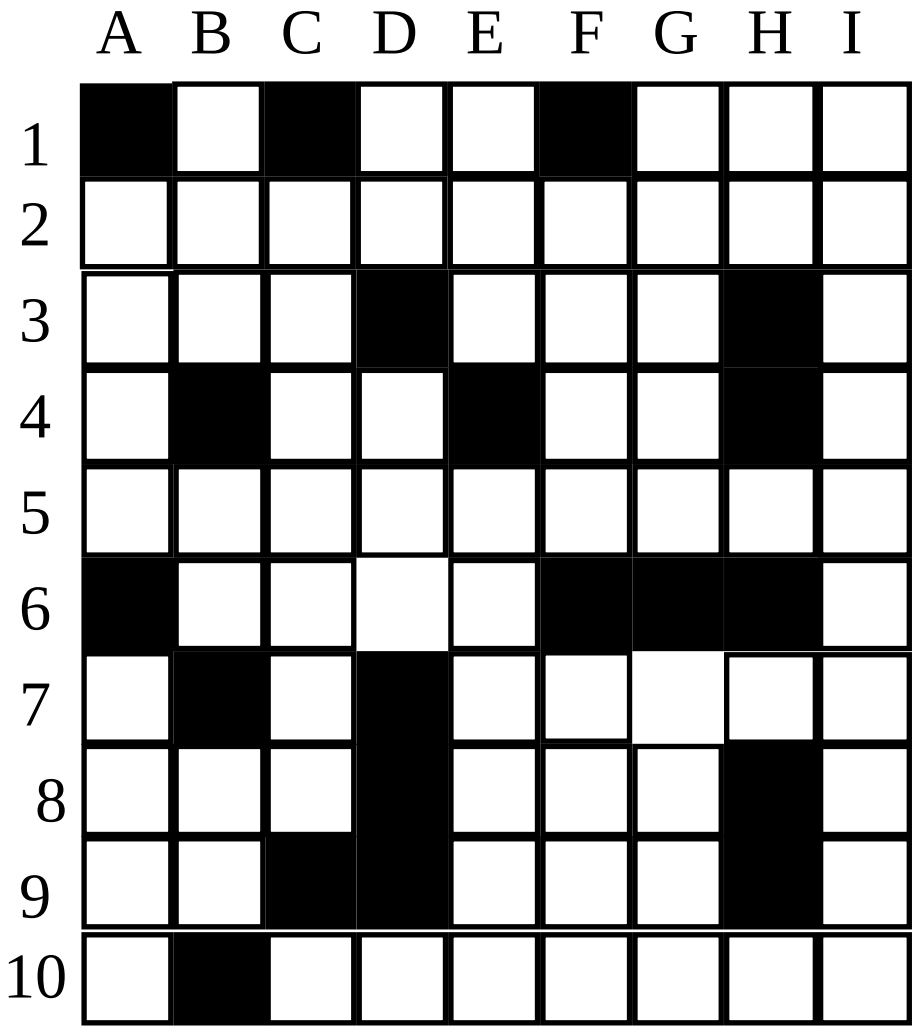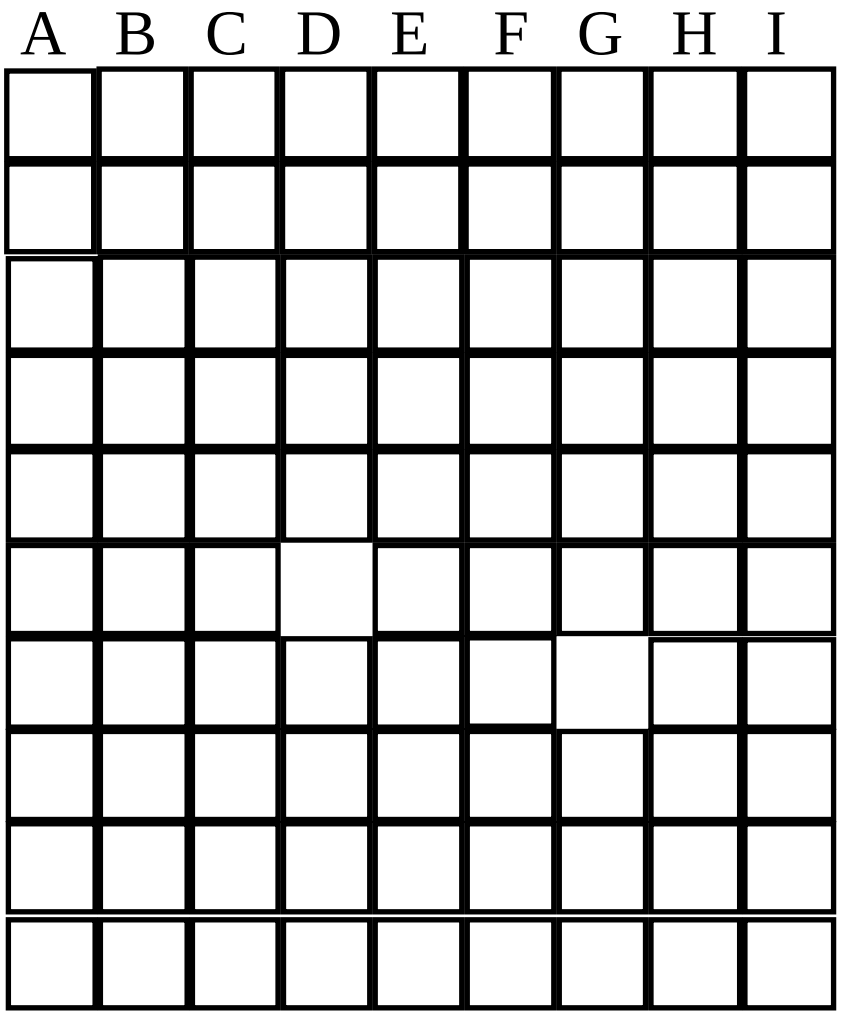reproduis le modèle