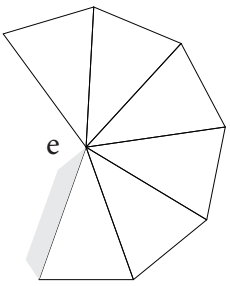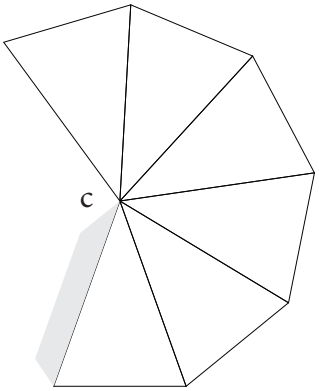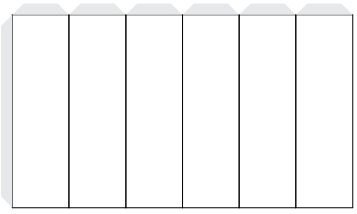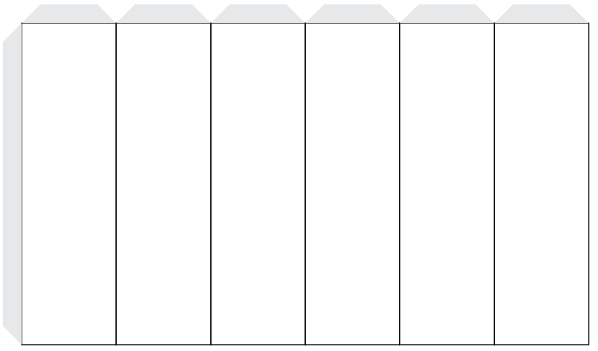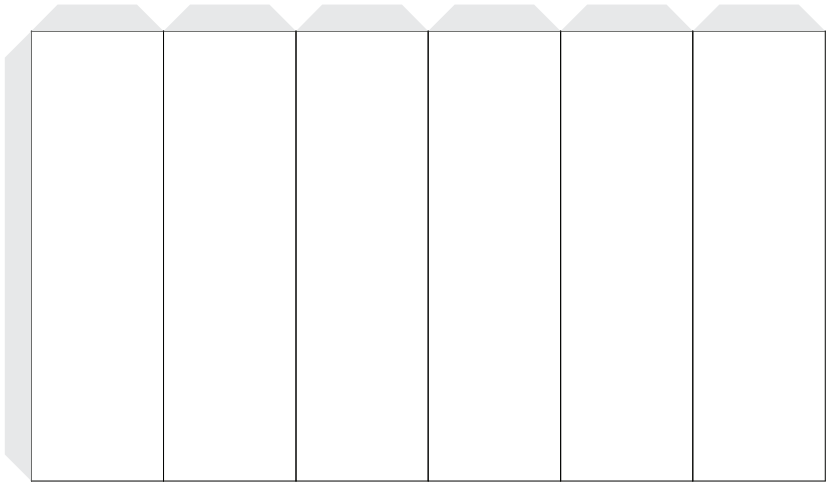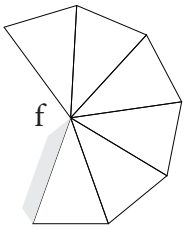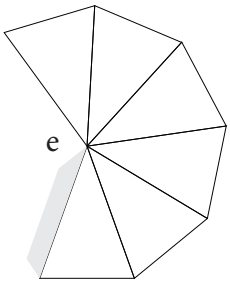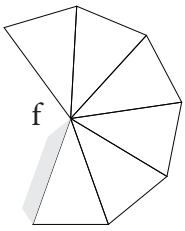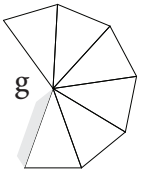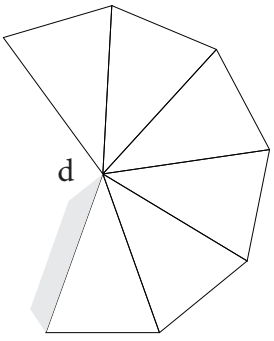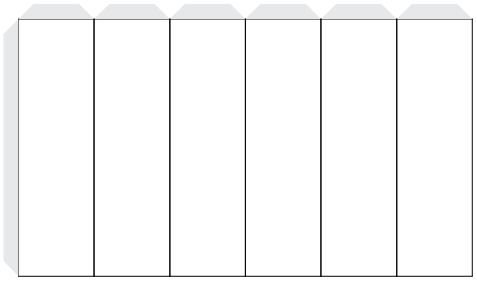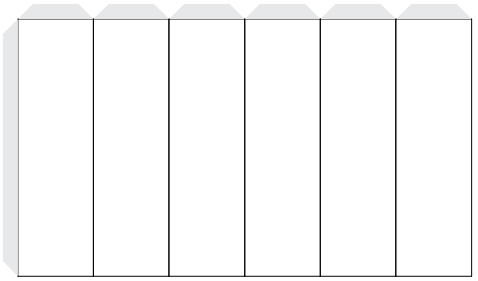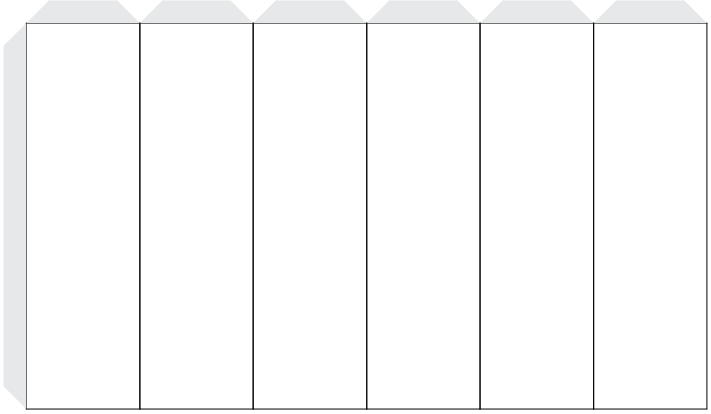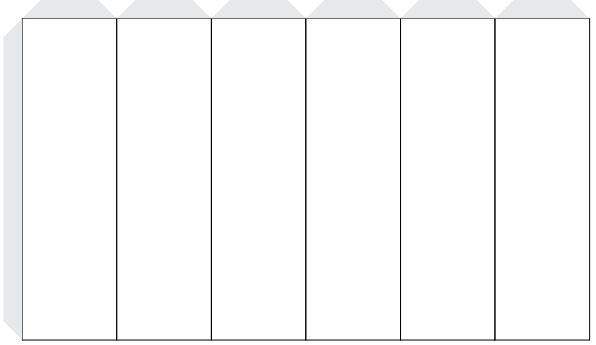Creating Quartz Crystal Clusters