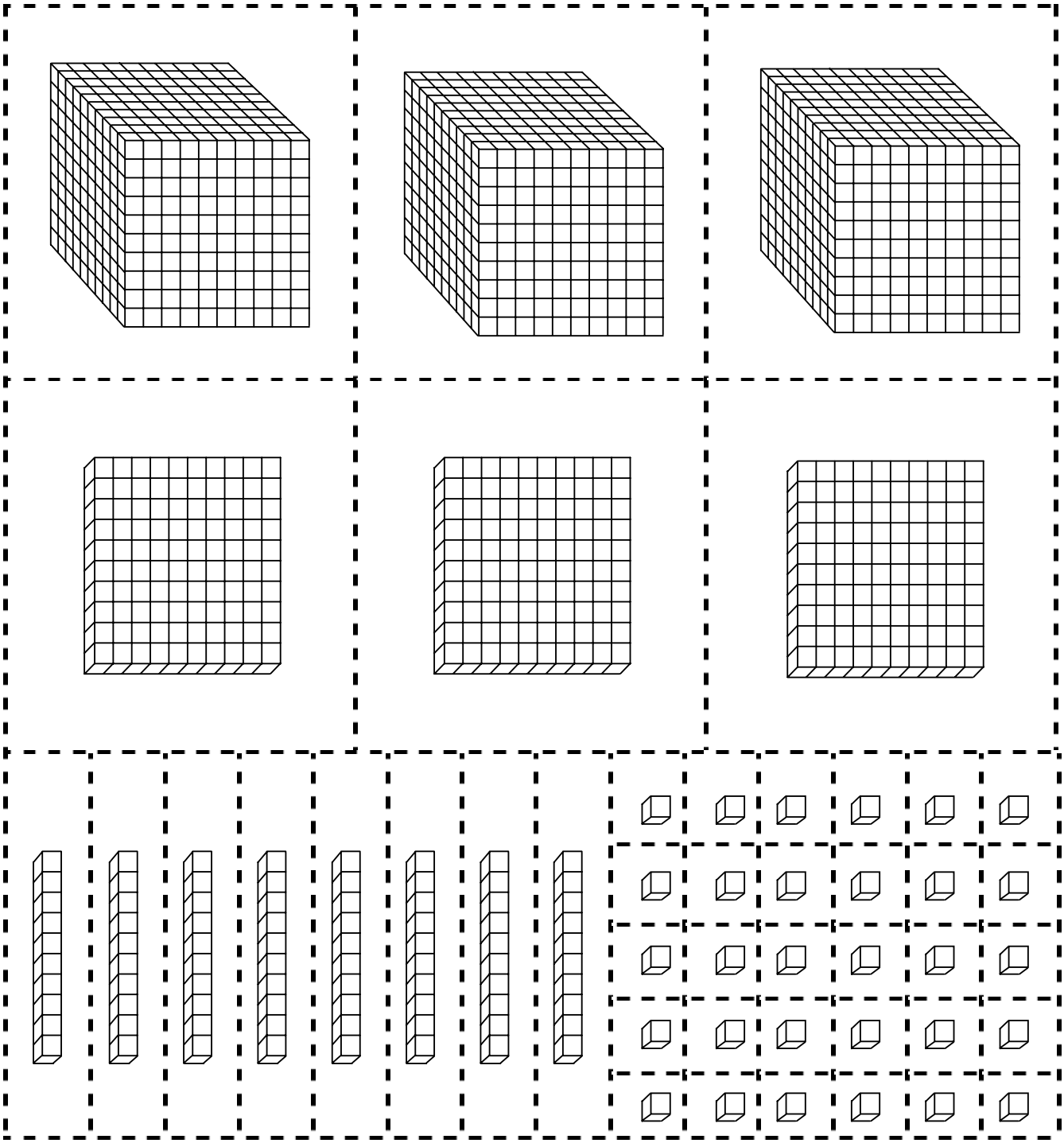Modèles de matériel de base 10