

Orthographic 6.6

Developments

A development is a drawing that can be folded to assemble into a 3D object, typically fabricated in sheet metal. True Lengths of all edges must be known to complete a development.

Cut out and assemble development 6.5a. Glue the tab and stick edge 1. Place the shape (a truncated pyramid) on the plan (fig 6.5b). Notice that lines 1-2, 2-3, 3-4, 4-1, are all true in length. Notice that lines 1-1a, 2-2a, 3-3a, 4-4a are not true lengths. They are foreshortened as a result of being inclined in both plan and elevation.

