

Orthographic 6.61

Developments

Truncated Pyramid

6.61a Draw plan and elevation views of this pyramid truncated by a 45° plane. It has a square base.

6.61b From the plan and elevation calculate the true lengths of lines 1-1a and 2-2a using the compass method. These are the only fold lengths you will need to calculate as the shape is symmetrical in plan.

6.61c Calculate the true length of line 2-P to give you the radius of your development.

The true lengths of lines 1-P, 2-P, 3-P and 4-P are identical so any can be used. 2-P is the most easily drawn in elevation.

