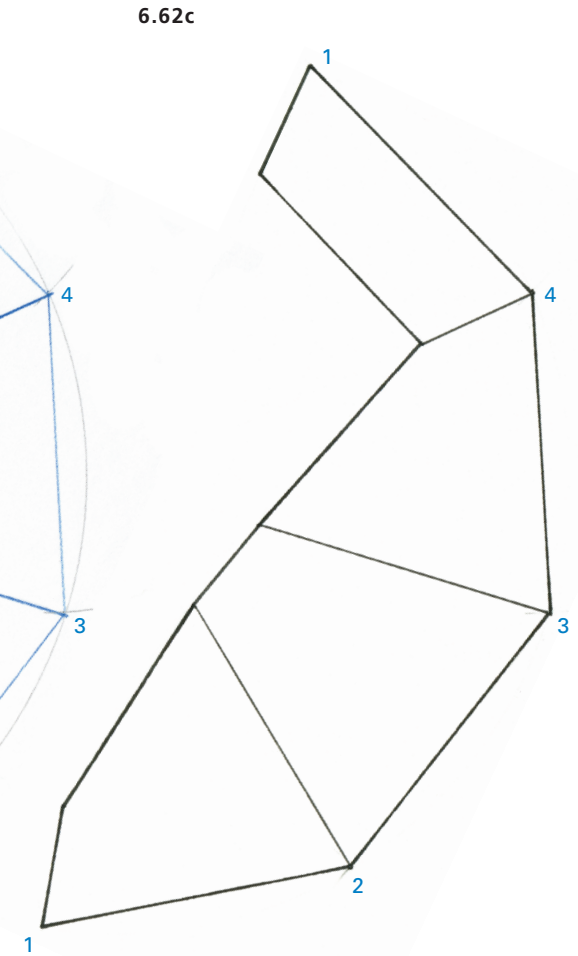
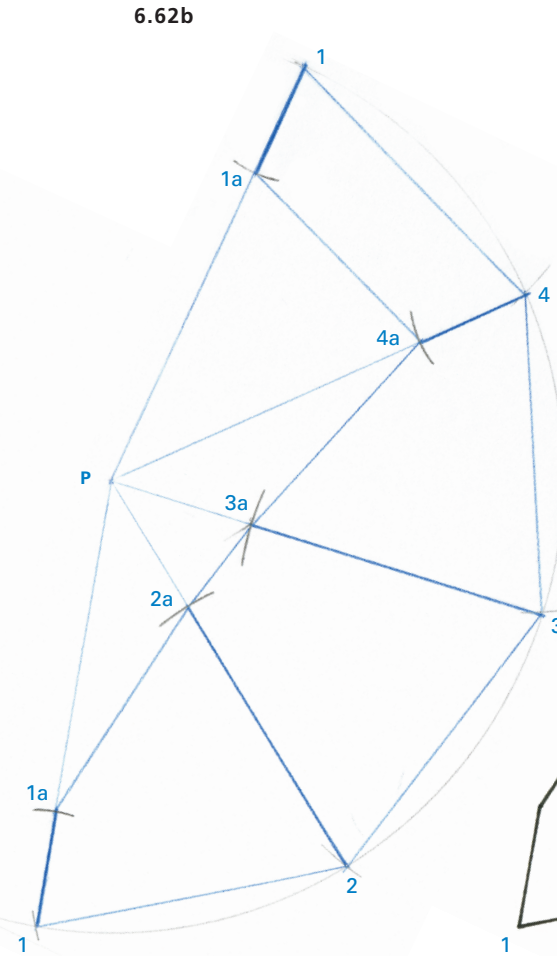


Orthographic 6.62

Developments (cont.)

Radial Method

6.62a Taking the true length 2-P as the radius, draw a large arc with the compass. This should be sub-divided with four small arcs that are the true lengths of line 1-2. (all lines in the square base in plan are true length). Join up arcs with straight lines and number the outside edges.



6.62b Starting with line 1-1a take the its true length from elevation 6.61b with a compass and mark this length on your development. Line 1-1a is the same length as 4-4a so mark these lines

in succession. Take the true length of line 2-2a from your elevation and mark this on to your development, succeeded by line 3-3a which is the same length as 2-2a.

6.62c Use a thin pen to draw all folds and a thick pen to draw the outside perimeter of the development. Erase all pencil construction lines.