

Multiview drawing construction for a given detail. Section construction. Creating an isometric view from a standard 3-view orthographic drawing. Variant 12.

Print exercise on A4 paper at a scale factor of 100%.

Top and front views of detail are given (scale 1:1).

1st task:

1. On drawing sheet of A4 size construct front, top and left side views using scale 1:1.
2. Make a half sections in front view and left side view of object (cutting planes coincide with planes of symmetry of object).
3. Dimensioning detail.

2nd task:

1. On drawing sheet of A4 size construct axonometric projection - rectangular isometric sectioned view of detail using scale 1:1.
2. Mark out overall dimensions.

