1. On what scale will the drawing of the Institute be drawn, if we know that the main entrance door has a width of 3.40 m, and in the plane is measured 68 mm with ruler?

2. The Manzanares river draw in a plane is measuring 1 cm wide. If the scale of plane is 1: 25000, what does it measure in reality?

3. We want to draw on an enlargement scale the needle of a watch that measures 1 cm. If we choose a 5: 1 scale, how much will your representation in the drawing measure?

4. On a road map made at a scale of 1: 5.000.000, the distance between two cities measured with a graduated ruler is 45 mm. What will be the distance in reality?

5. The actual length of a piece is 100 cm. It is represented in a drawing by a 4 cm segment. At what scale is the plane drawn?

6. Calculate the scale of the plane knowing that the actual length of a table is 1.5 m and that its representation in the drawing is 15 cm.

7. Calculate the actual height of a five-floor building knowing that the scale of the plane is 1:500 and that its representation in the drawing is 3 cm.