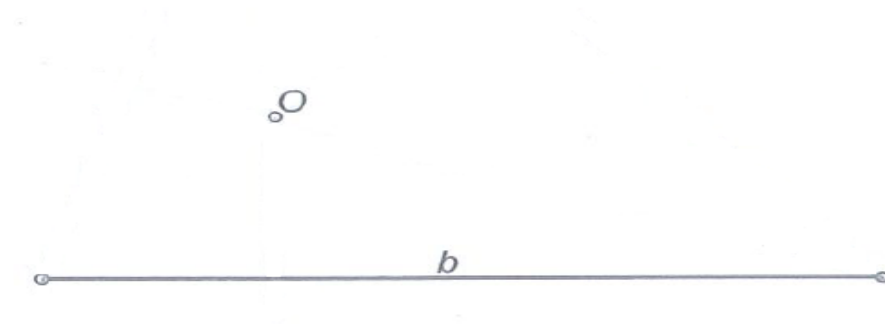


1



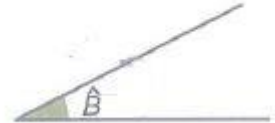
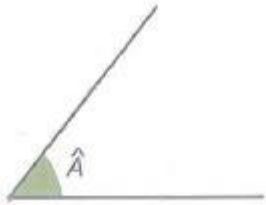
Construct the triangle with known side b and orthocentre O .

2



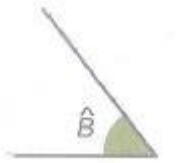
Draw the rectangle ABCD knowing that the longest side AB is 70 mm and the diagonal is 80 mm.

3



Construct the triangle with two known angles and one given side.

4



Draw the triangle with two known sides (AB and BC) and the angle B.

5



Draw a triangle with sides $AB = 60$ mm, $AC = 70$ mm and $BC = 50$ mm and find its incentre.

6



Draw a right-angled triangle with known legs $C = 60$ mm and $B = 40$ mm. Find its hypotenuse and draw a circumference arc that passes through all three vertices.

7



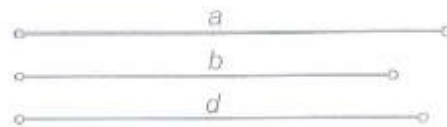
With one side on the straight line r , draw the square with diagonal AC , knowing that P is one of its vertices. Now draw the outer circumference that passes through the four vertices.

8



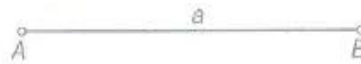
Draw the square with side AB from the straight line r.

9



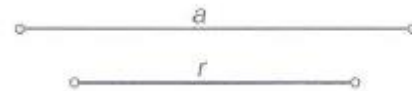
Construct the rhomboid with known sides a and b and known diagonal.

10



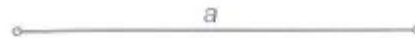
Draw the rhombus ABCD with known side $a = 45$ mm and known interior angle of 60° .

11



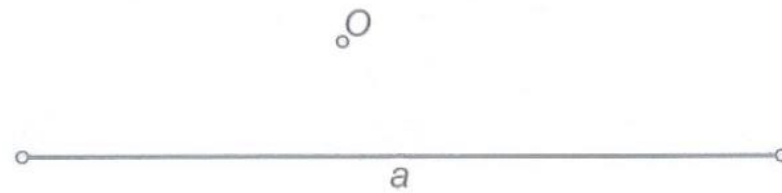
Construct the isosceles triangle with known unequal side a and known radius of the circumscribed circumference.

12



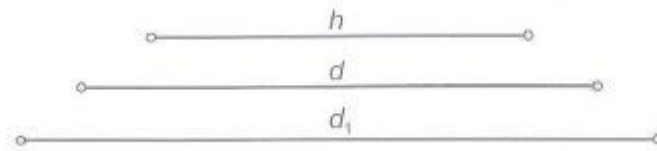
Construct the isosceles triangle with known unequal side a and unequal angle A .

13



Construct the right-angle triangle with known hypotenuse a and centroid O .

14



Construct the right-angle trapezium with known height h and known diagonals d and d_1 .