

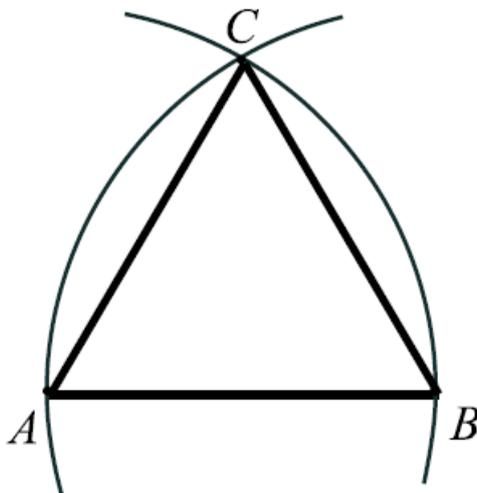
Encontro 12 – 11/10/16 – Geometria: Construções Geométricas Elementares

Problema 1.

Dado um segmento AB construa o triângulo equilátero ABC e sua altura CM .

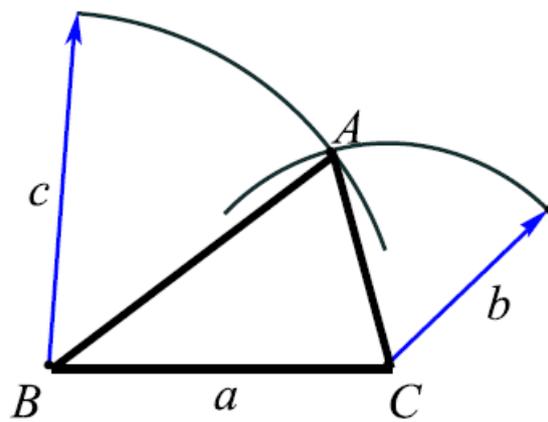
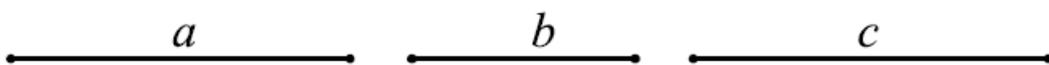
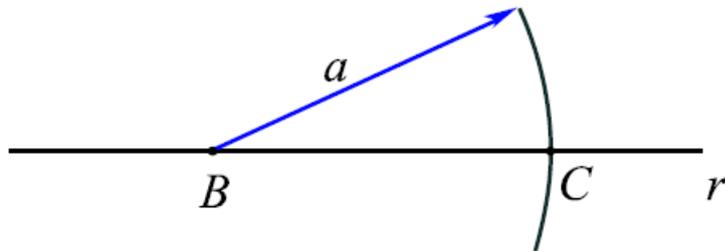
Segmento $AB = 3\text{ cm}$

Resposta



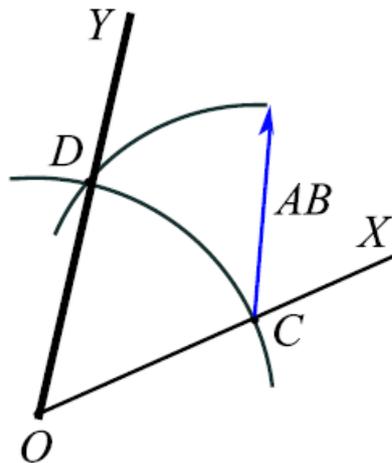
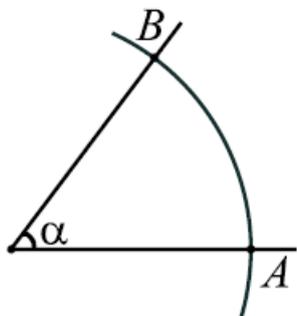
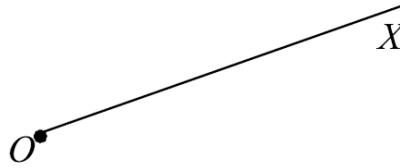
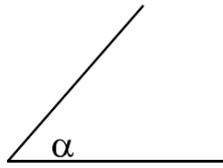
Problema 3.

Construir o triângulo ABC sendo dados os três lados:



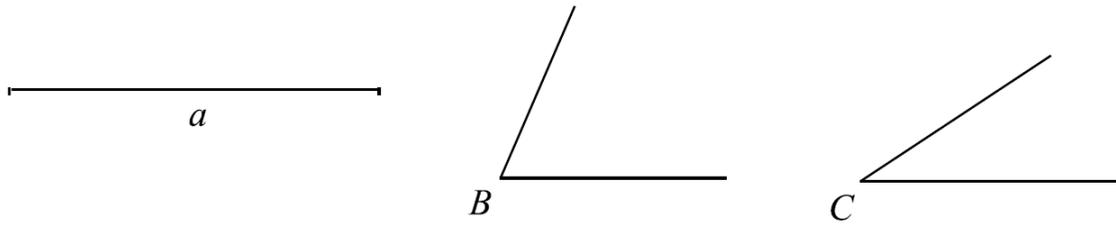
Problema 4.

Dado o ângulo α , e a semirreta OX construir o ângulo $XOY = \alpha$.



Problema 5.

Construir o triângulo ABC dados o lado a e os ângulos B e C :

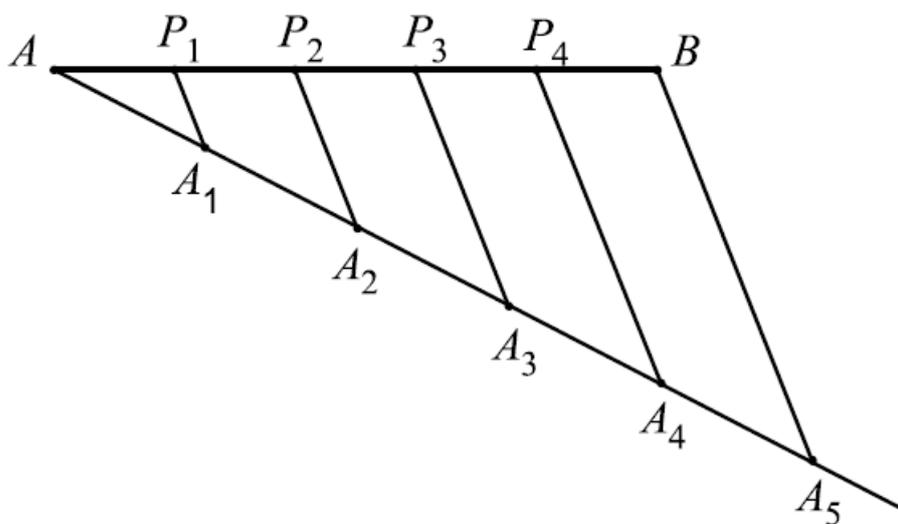


Solução: (Figura por conta do aluno)

Problema 6.0

Divida o segmento $AB = 10,5$ cm em 6 partes iguais.

Modelo de resposta



Problema 6.

Construir o triângulo ABC conhecendo o lado $BC = 5,3 \text{ cm}$, e as medianas $m_b = 4 \text{ cm}$ e $m_c = 5 \text{ cm}$.

