

# Horns unit

<https://github.com/heptagons/meccano/units/horns>

## Abstract

Horns unit is a group of seven meccano <sup>1</sup> strips intended to build polygons.

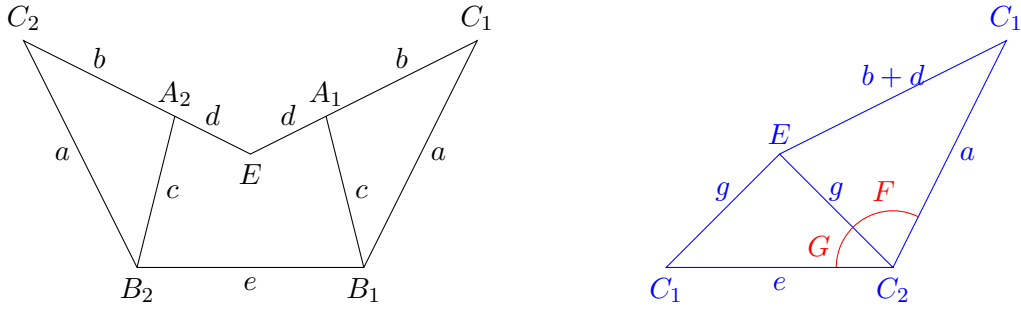


Figure 1: Horns units. Has seven strips: Two of length  $a$ , two of length  $b + d$ , two of length  $c$  and one of length  $e$ . We expect to build polygons with internal angle  $C_1B_1B_2$  and perimeter including segments  $a, e, a$ .

## 1 Algebra

Angle =  $\angle C_1B_1B_2$ .

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<sup>1</sup> Meccano mathematics by 't Hooft