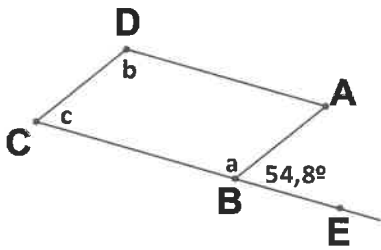


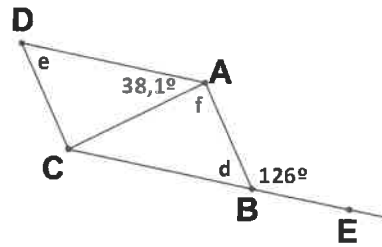
PI4.61r ÂNGULOS em PARALELOGRAMOS

Indicar, em graus e minutos, a amplitude dos ângulos identificados pelas letras a, b, ...



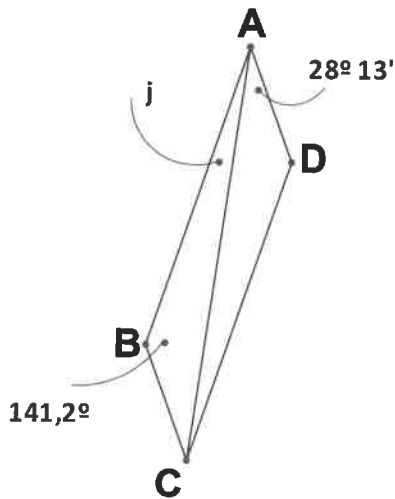
$$a = 180 - 54,8 = 125,2^\circ = 125^\circ 12'$$

$$b = a = 125^\circ 12'; \quad c = 180 - 125,2^\circ = 54,8^\circ = 54^\circ 48'$$

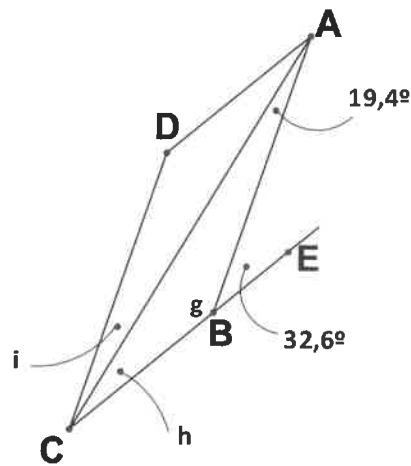


$$d = 180 - 126 = 54^\circ$$

$$e = d = 54^\circ \quad f = 180 - 54 - 38,1^\circ = 87,9^\circ = 87^\circ 54'$$



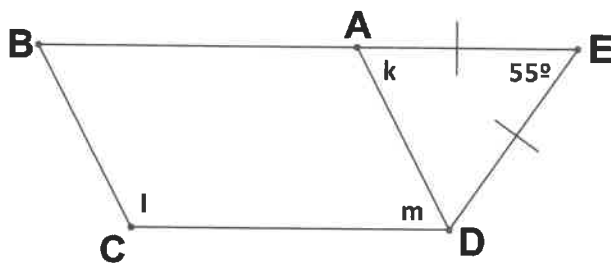
$$j = 180 - 141^\circ 12' - 28^\circ 13' = 10^\circ 35'$$



$$g = 180 - 32,6 = 147,4^\circ = 147^\circ 24'$$

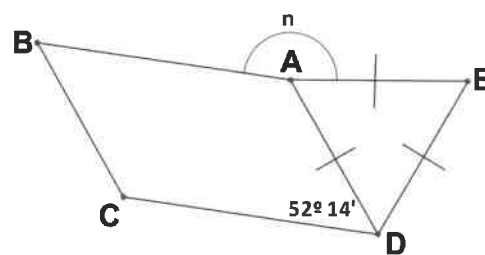
$$h = 180 - 147^\circ 24' - 19^\circ 24' = 13^\circ 12'$$

$$i = 19,4^\circ = 19^\circ 24'$$



$$k = (180 - 55) : 2 = 62,5^\circ = 62^\circ 30'$$

$$m = k = 62^\circ 30' \quad c = 180 - 62,5^\circ = 117,5^\circ = 117^\circ 30'$$



$$180 - 52^\circ 14' = 127^\circ 46'$$

$$n = 360 - 127^\circ 46' - 60^\circ = 172^\circ 14'$$