

(1) $\beta_1 = 56.44^\circ$ ($\beta_2 = 123.56^\circ$), $\gamma_1 = 93.56^\circ$ ($\gamma_2 = 26.44^\circ$), $c_1 = 11.98\text{cm}$ ($c_2 = 5.34\text{cm}$)

(2) 40.91°

(3) 64m

(4) 35.26°

(5) 1.428km

(6) 46m