Problem 1 (M/E I-1):

a) 1"=1852 = (160) = 185200cm => 1cm = 8,999×10-8

=> Bsigfigs after decimal fortcentineter represented in degrees latitude

b) (60)"=(6×101)"=1,852×105cm =7(6)(1.952 ×10-4)"=1cm = 3,240×10-4

= 7/4 sig figs after decimal/for 1 em represented in arcseconds of lutthate