PHYS 1081		Name: Motion Lab I 2020		_
Objective: Deter images.	mine the ang	ular speed	of a comet from two	
The two images you IM2011_C2019Y4aW IM2017_C2019Y4b.c	lark.JPG Take		•	
The first image conta yellow circles. These			have marked two stars wit art.	h
	ogle.com/open?id=1Y0 art programs you	GPBK3nxiJHZkRI	gEa754QMgHMlZlm2a d to figure out the scale of	

5) Write your answers on this sheet (showing work in the space below). Scan

this sheet. Rename the file so that it is called "CometLabYourName.jpg". Upload to the same Google Drive folder where the images were found.

I used this(ese) program(s): _____ arcsec/pix.

The comet moved about: _____ pixels
The comet moved about: ____ arcseconds
4) Figure out the angular speed of the comet in two units.

Angular speed = _____ arcsec/hour Angular speed = ____ degrees/day

3) Figure out how far the comet moved.