	Quiz #7/8 Takehome: Astrolab	е	Name:	
	10 points Total	Due November 15	or 22	
on	answer all but the last two questions, eastern horizon). All time references oversion). Answers should be given to	are local solar time (the	he time read directly from the as	strolabe—no
1.	What is Rigel's azimuth, to the near	est degree? (Note azi	muth lines are every 5°.)	
2.	What bright star is located at azimut	h 254°, altitude 29°?	(Note altitude lines are every 2°	.)
3.	What is the azimuth and altitude of Vega?			
	Azimuth:	Altitude:		
4.	True or False: When Rigel is rising,	the star Sirius is visib	le.	
5.	If the date is March 20, what is the timinutes)? Remember a.m. or p.m.	ime represented by th	nis astrolabe setting (Rigel rising	ι) (to the nearest 2
6.	If the date is April 30 (or May 0), who	at time does this astro	plabe setting represent?	
	At this date and time, what is the	sun's azimuth?		
	At this date and time, what is the	sun's altitude?		
7.	For the same astrolabe setting (Rige day.	el rising), what date is	the sun setting? Make your est	imate to the nearest
8.	At the same astrolabe setting, what	date would astronomi	ical (morning) twilight begin?	

9. (**Rigel not rising.) Set the astrolabe for sunrise on February 28. According to the astrolabe, what time does

the sun rise?