

Guide Questions for *Commentariolus*

1. Why does Copernicus propose a new model of the solar system? What does he dislike about the Ptolemeic system? (This is hard, but it is on the first page.)
2. What were the 7 postulates that Copernicus is assuming for his proposed model? (Try and put these in words that mean something to you.)
3. How far away is the sun from the center of the earth's orbit?
4. How much larger is the sphere of the "fixed and immovable" stars than the "Grand Orb", the sphere that contains the earth? Why is it important that Copernicus say this?
5. Fill in the chart of the solar system as proposed by Copernicus:

<i>Sphere (closest to farthest)</i>	<i>"radius of sphere"</i>	<i>period of revolution</i>
Mercury		
Venus		
Earth		
Mars		
Jupiter		
Saturn		
Stars		

