

Bellwork for Week 18: May 1-14, 2004



Bell #78:

(1) On August 21st, at 9 p.m., what constellation will be at the **ZENITH** of the night sky?

2) What constellation will be in the southern sky?

(3) Is this the same constellation that will be there in tonight's night sky?

(4) What phase is the moon going to be tonight? (Hint:) It was a full moon last Wednesday night.

(5) Identify:



Bell #79:

(1) Why are "Earth Phases" the opposite of moon phases?

(2) What is the pulling of the oceans by the moon called?

(3) How is it possible for the moon to pull so hard on the Earth's oceans that the water moves toward the moon?

(4) Does the sun pull on the oceans, too?

(5) Identify:

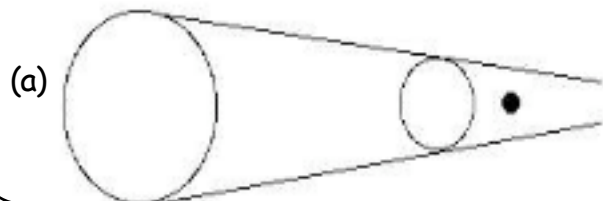


Bell #80:

(1) What constellation will be setting in the west on October 15th at 9 p.m.?

(2) What constellation will be rising in the east?

(3) Identify:



(4) Identify:



Bell #81:

(1) How are rotation & revolution similar and different?

Similar:

Different:

(2) What time period does each represent?

Rotation:

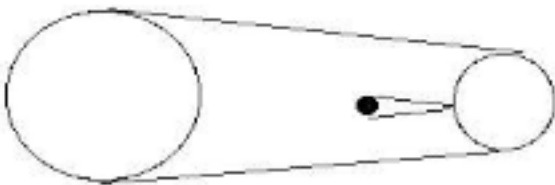
Revolution:

(3) Identify:

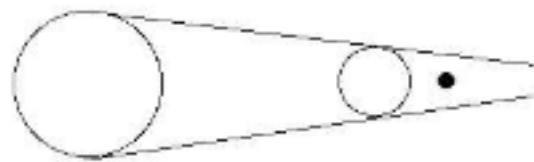


(4) Identify:

(A)



(B)



(5) Identify. Be sure to add the tidal bulges to the Earth:

(A)



(B)



Bell #82: What is the Doppler Effect?