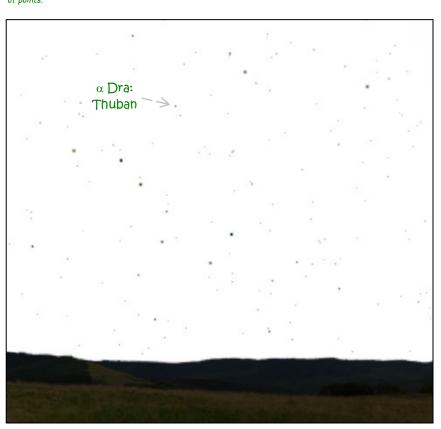
ATLAS CHARTS

Find the atlas charts (two) for the Big & Little Dippers in the field guide and read the texts describing the field to complete the following:

1) 30 The diagram shows the Dippers at 10 pm tonight over Canton. Label it with Superscript a) 15 Greek letters of the Bayer designations of the stars in the Dippers

gives number of points. b) 15 List the apparent magnitudes of the stars in each dipper (READ THE TEXTS of the atlas charts!)



Star	Name	Mag.		
lpha UMa				
β UΜα				
γ UΜα				
δ UΜα				
ε UMα				
ζ UΜα	Mizar	2.2		
80 UMa	Alcor	3.9		
η UMα				

Star	Name	Magnitude		
αUMi				
βUMi				
γUMi				
δ UMi	Delta			
εUMi	Epsilon			
ζUMi	Zeta			
η UMi	Eta			

2)8 List the proper names and magnitudes of the stars in the Big Dipper in order from brightest to dimmest:

	Brightest							Dimmest
Name								Alcor
Magnitude								

Same!

Same!

(3)4 What's special about the stars Mizar and Alcor? (READ both Atlas Chart TEXTS)

Write enough to be worth the points.

4)4 What stars provide a good test of the sky and your eyes' sensitivity and how? (READ the TEXTS)

(5)4 What are the Owl Nebula and M101? (READ the TEXTS)