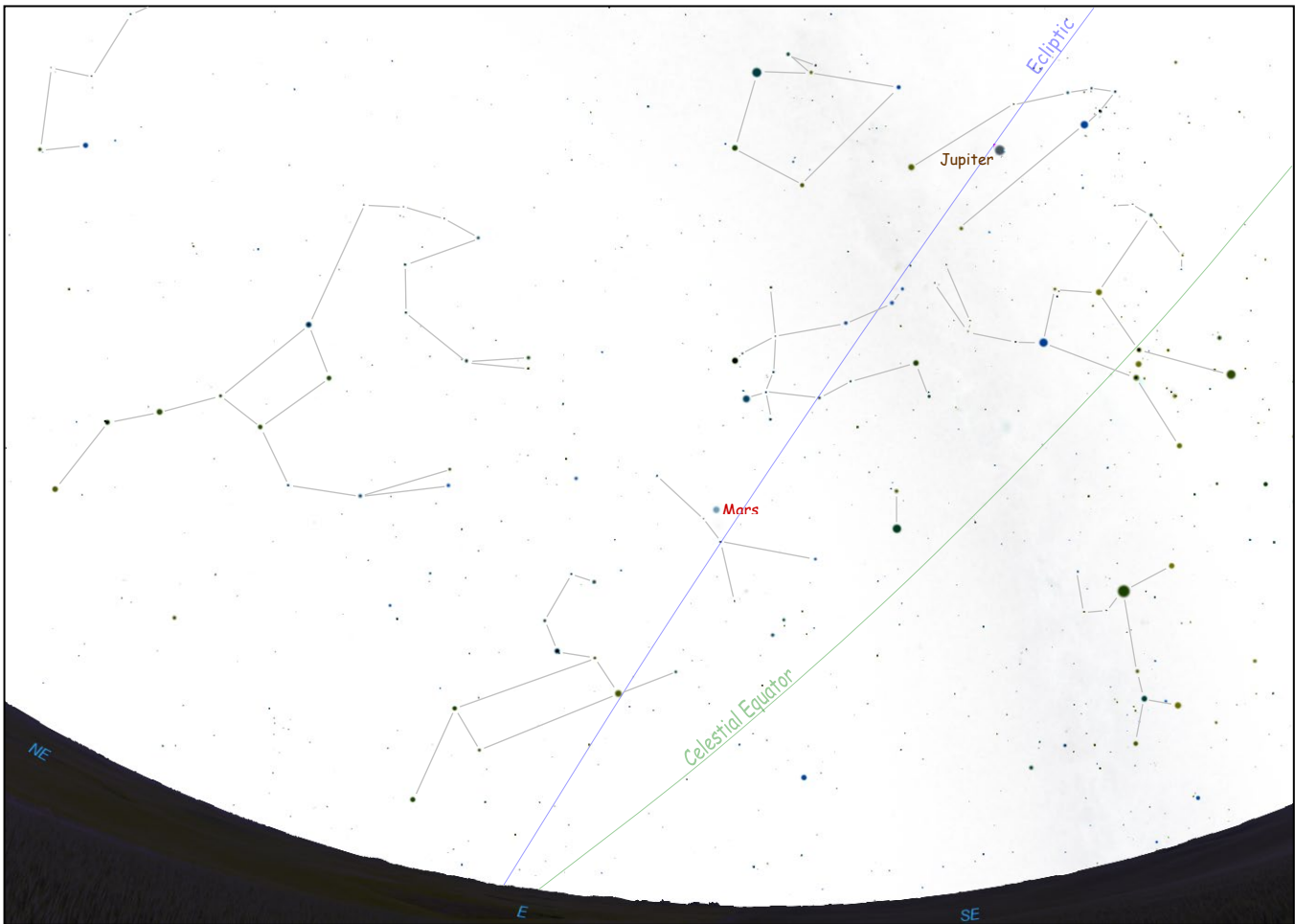


Fill out the table<sup>6</sup> and **label the stars you are able to actually see** in Canis Major, Canis Minor, Cancer, and Leo **with their name or Bayer Greek letter**<sup>12</sup>. Look for the Great Bear (note if you are able to see the feet). Sketch in the stick figures of Auriga, Taurus, and the Winter Hexagon<sup>9</sup> and label Kochab, Pherkad & Thuban<sup>3</sup>. Using the Field Guide and internet, write about legends and lore below the diagram<sup>8</sup>, fill out the table about the stars<sup>54</sup>, write about interesting celestial objects<sup>12</sup>, and write a reflection.<sup>10</sup>

Name:	Companions:
Date & Time:	Location:
Sky:	Moon:

View east southeast from Canton December 4, 1 am.



Write about the names, legends & lore of the stars and constellations.<sup>8</sup>

BAYER DESIGNATION	OTHER NAME	VISUAL MAG. (V)	SPECTRAL TYPE	ABSOLUTE MAG. (M <sub>v</sub> )	DISTANCE (ly)	MEANING OF NAME AND OTHER FUN FACTS
α <i>CMa</i>						
β <i>CMa</i>						
α <i>CMi</i>						
β <i>CMi</i>						
α <i>Gem</i>						
β <i>Gem</i>						
α <i>Leo</i>						
β <i>Leo</i>						
β <i>Cet</i>						

Use the *Field Guide* (Atlas Charts for these constellations), *Raymo* (Feb. 1-19; Mar. 5 -25, Apr. 3 - 17), and the web to learn the meanings of the names and other facts. Web sites by Jim Kaler (U. Illinois) are particularly good. Fill in the table<sup>54</sup> and, in the space below<sup>12</sup>, write about some interesting objects ... double stars, nebulae, galaxies, etc. Also reflect on your observing<sup>10</sup>.