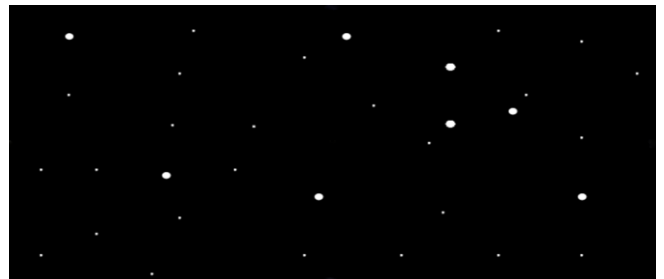
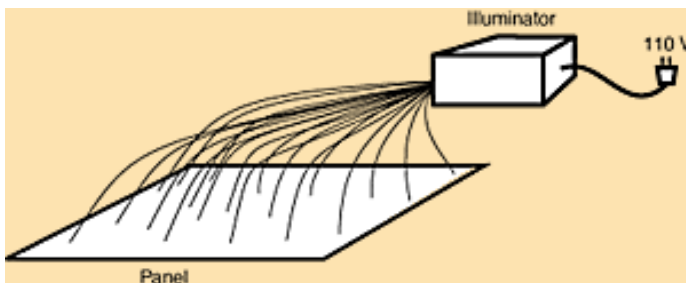


Fiber Optic Star Ceiling Installation Guide



The 5 basic steps to creating a custom fiber optic star ceiling

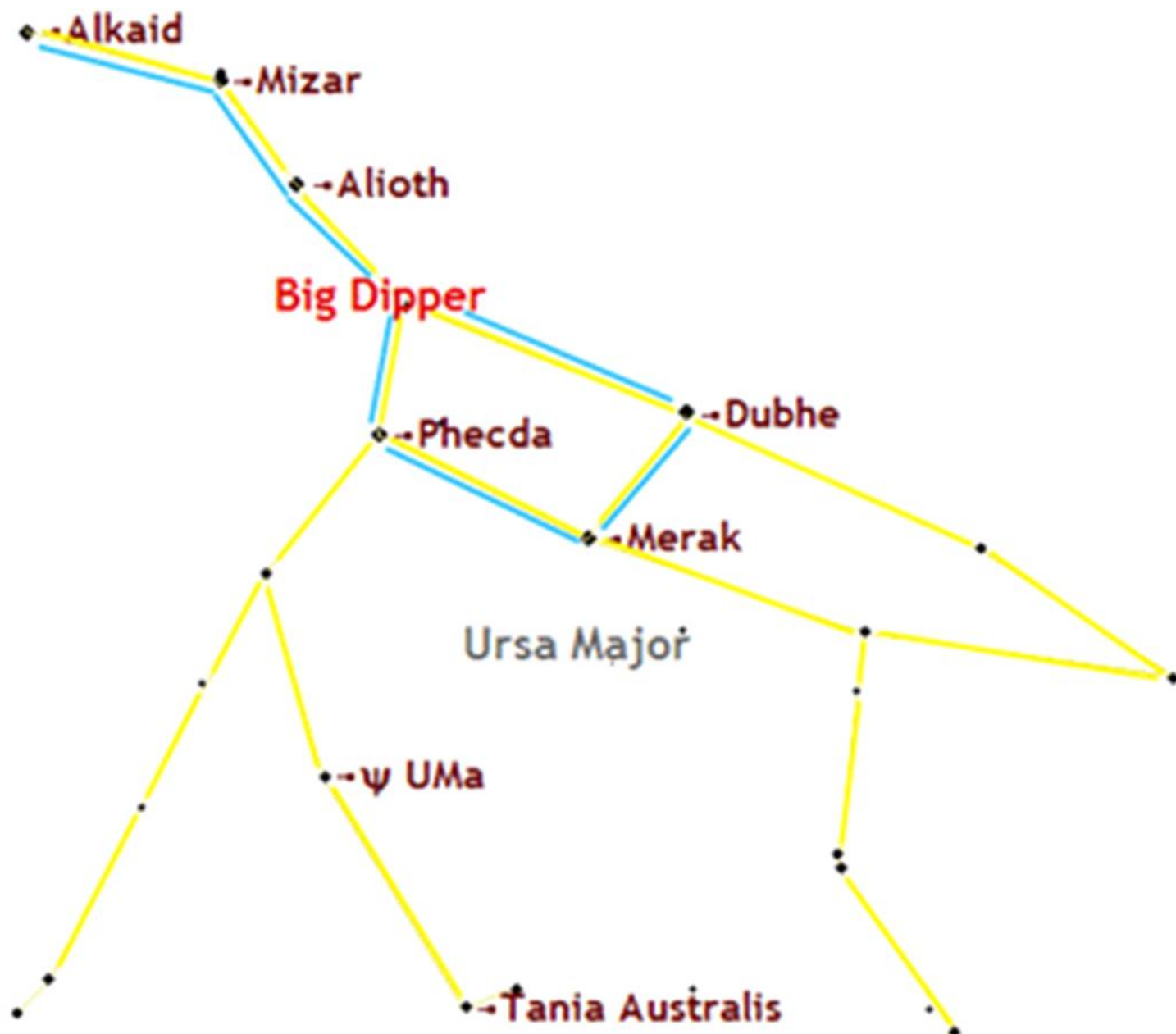
1. **Create the panel to be your canvas for your star ceiling** - If you don't decide to purchase our [pre-wired modular panels](#), you will need to create your own. To do this, large sheets of rigid insulation work very well. They can be found at any major hardware store. To complete the panel, you will need to wrap the insulation with a black fabric (velvet, canvas, etc.).
2. **Provide electricity for the illuminator** – All illuminators will require electricity. Our [LED illuminator](#) requires standard household power (110v). X10 products are a good solution for challenging situations. Please consult with a licensed electrician.
3. **Install the fiber optic strands** - The rule is anywhere from 4 to 6 stars per square foot. Spacing and the different sizes of star really makes a difference. You can achieve different size stars by purchasing the fiber in different widths ([Starpak48](#)) or by cutting the fiber at different angles. A large needle works very well for creating the hole through the panel. Poke the hole from the backside and run the fiber allowing it stick out the other side about an inch. Add constellations (templates below) to really give your star ceiling a custom look. Once all the strands are run, secure the fiber at the backside of the hole. A silicone adhesive or a hot glue gun work great. Once secure, trim the fiber on the finished side to leave them exposed about an eighth of an inch.



4. **Connect the fiber strands to the illuminator** – insert all the fiber optic ends into the [LED illuminator](#) and tighten the connector to secure.
5. **Mount the panel to the ceiling** – you will need a 2-3 inches of space between the top of the panel and the existing ceiling for the fiber runs and the illuminator. I find that creating a simple box frame is the easiest way to attach the panel to the ceiling. Dress it up with some decorative crown molding and it will look great.

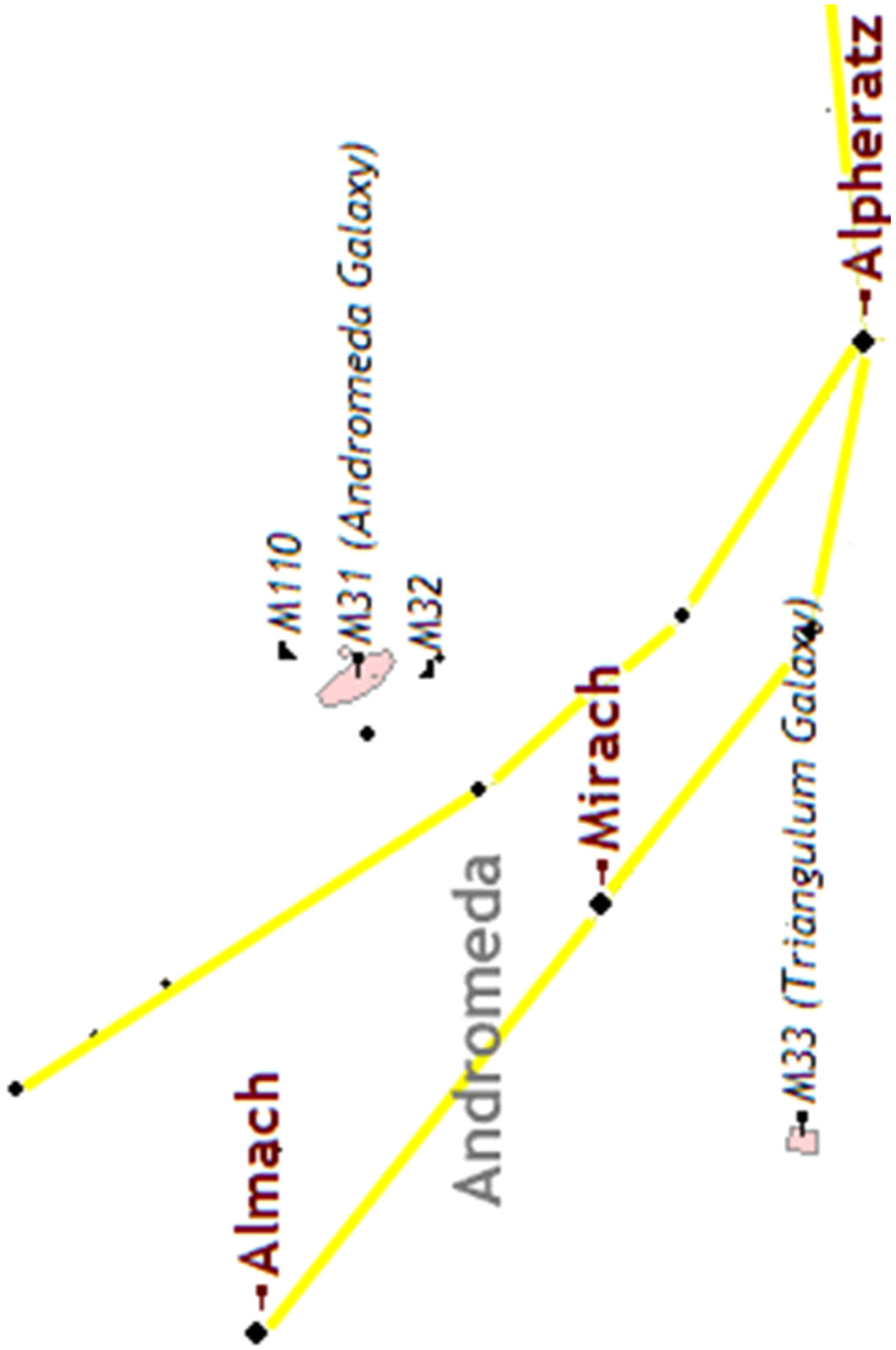


Ursa Major – The Big Dipper

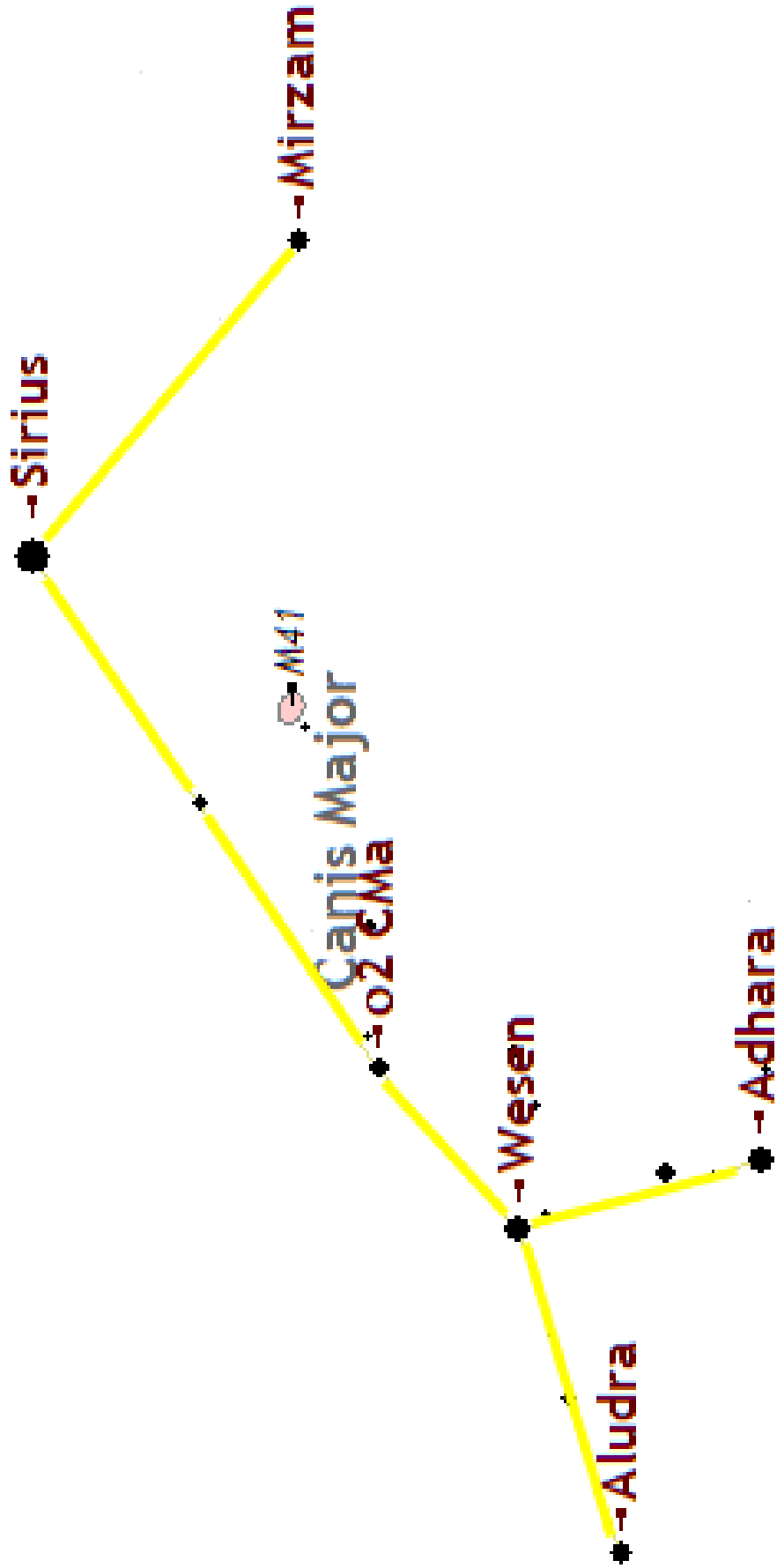


Orion – The Great Hunter

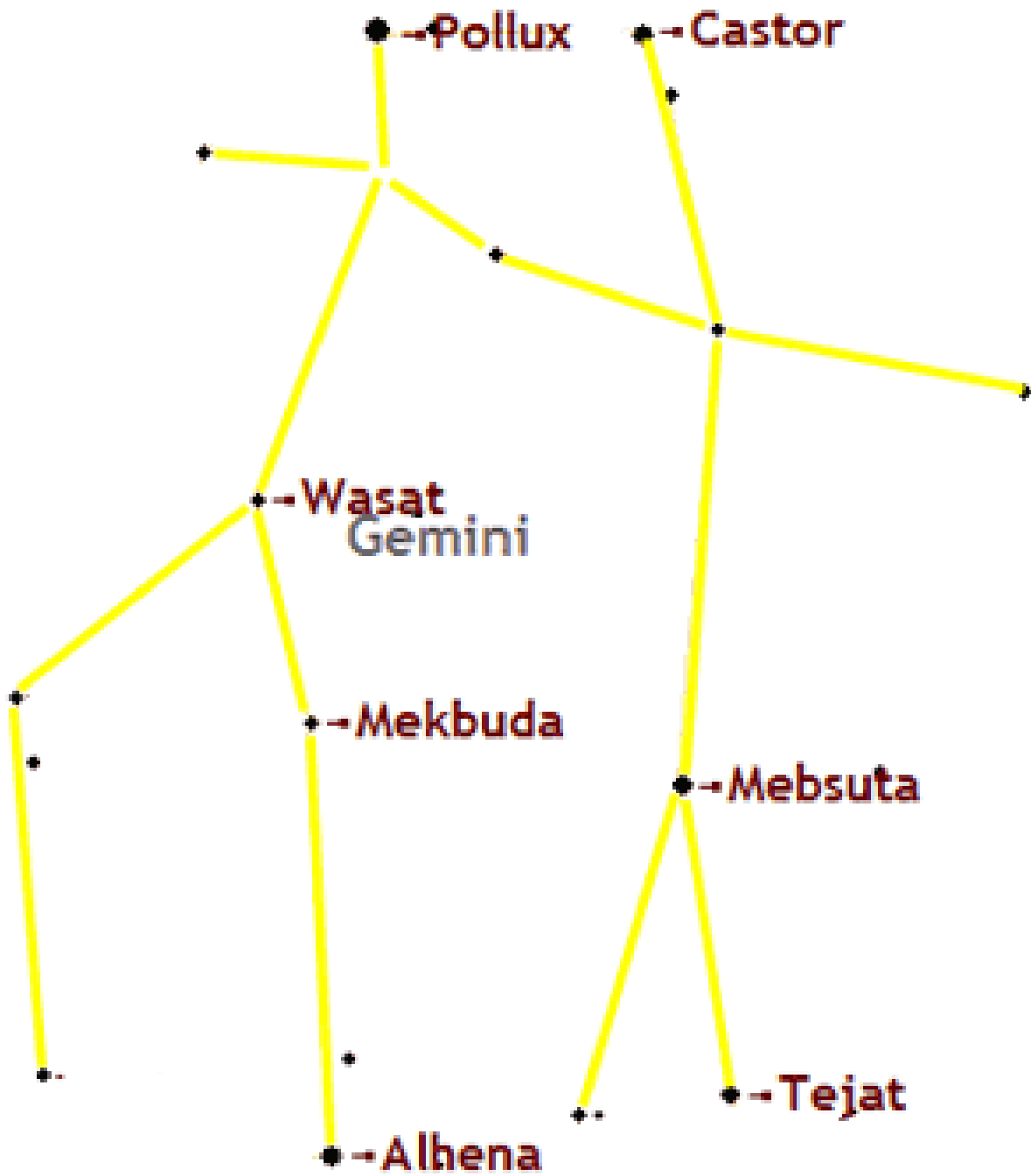




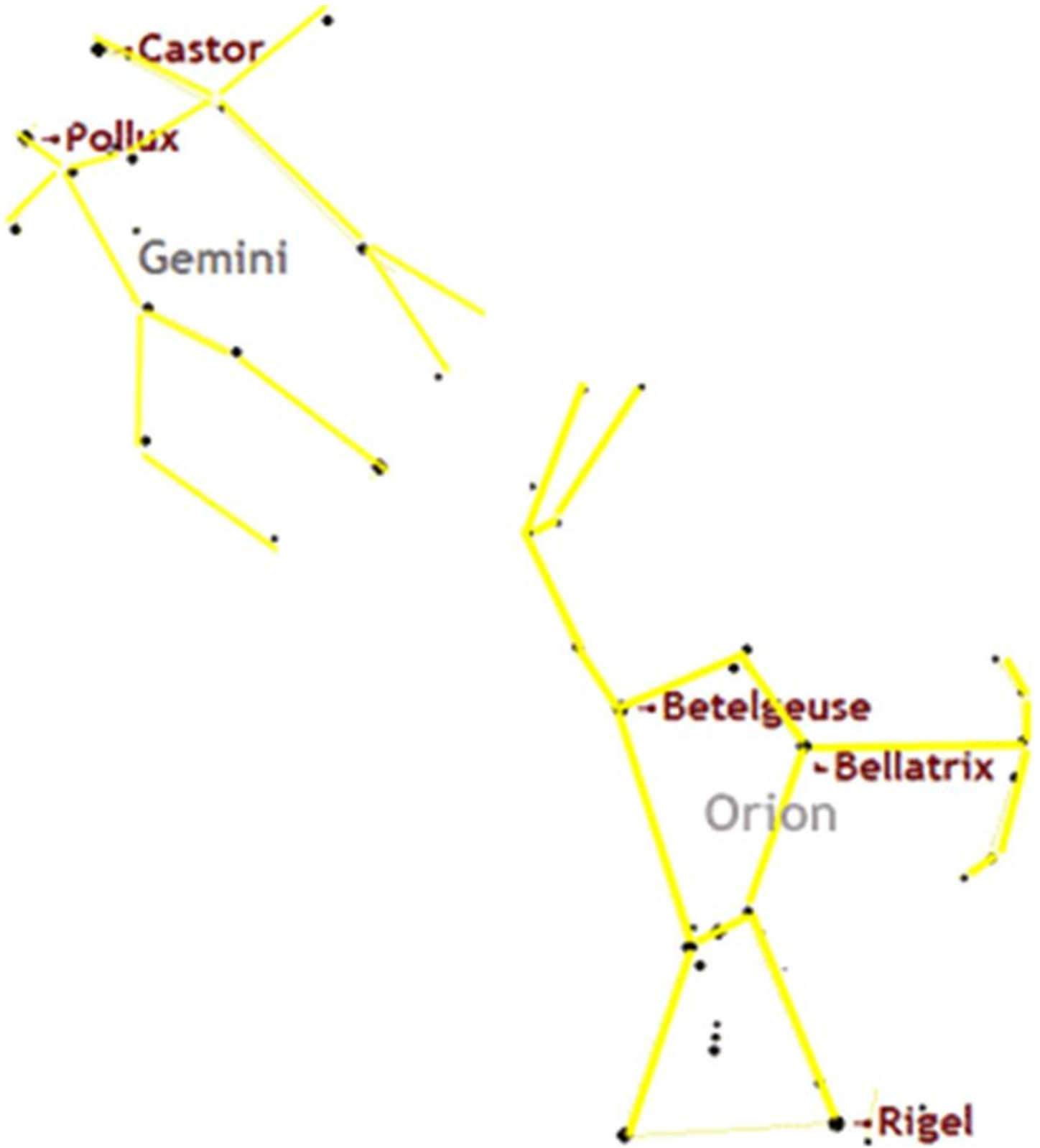
Canis Major – The Great Dog



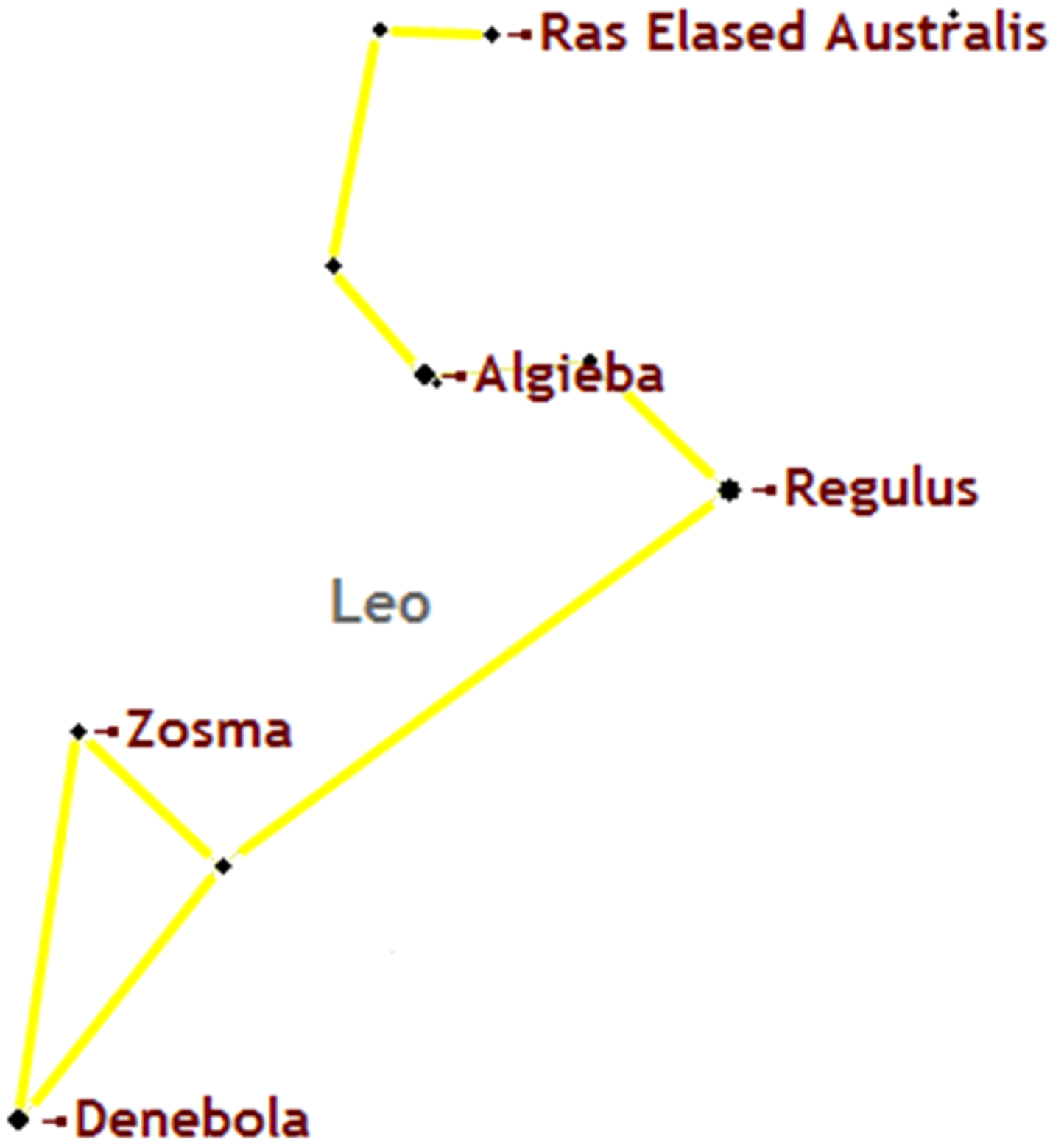
Gemini – The Twins



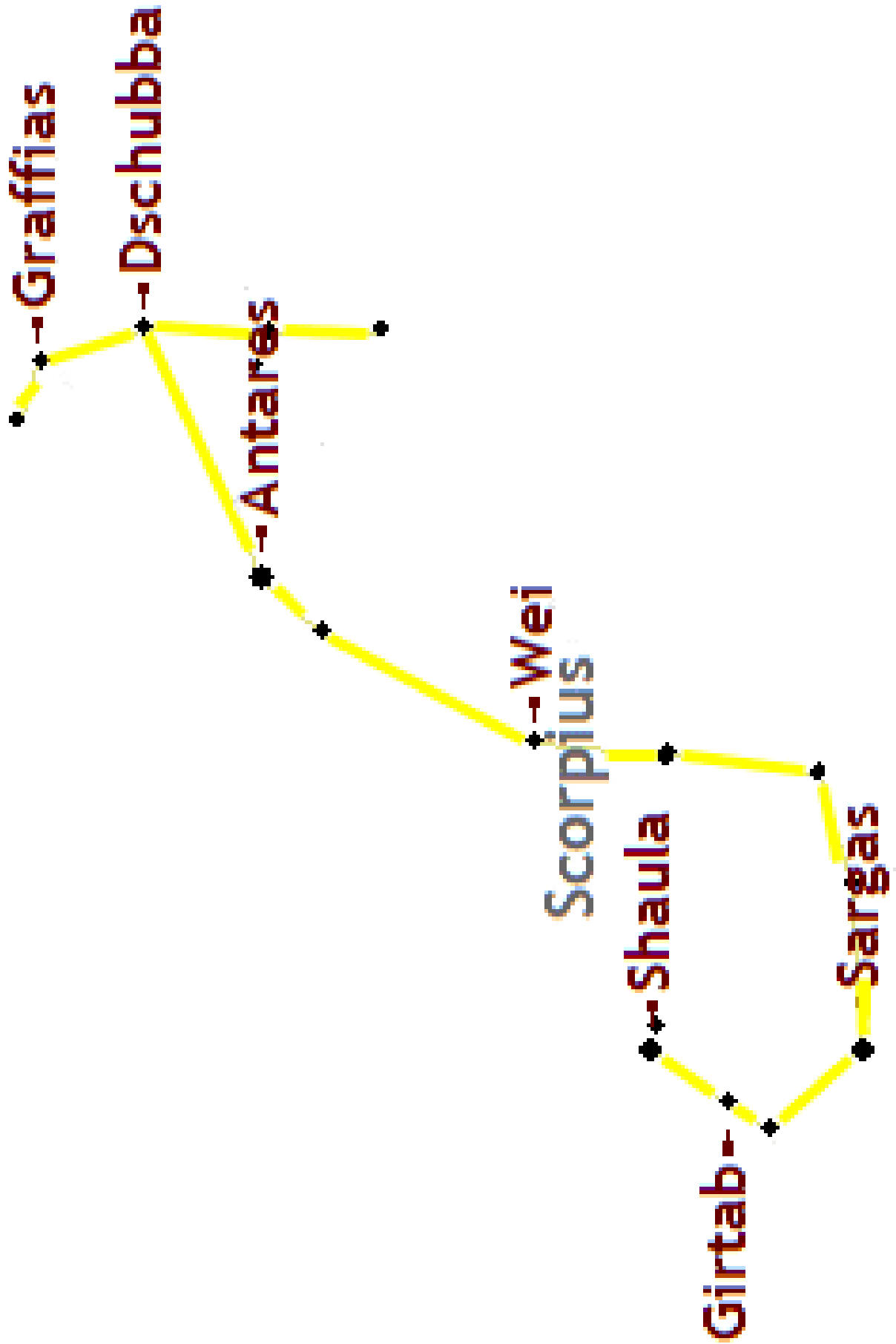
Gemini and Orion



Leo – The Lion



Scorpius – The Scorpion



Taurus – The Bull

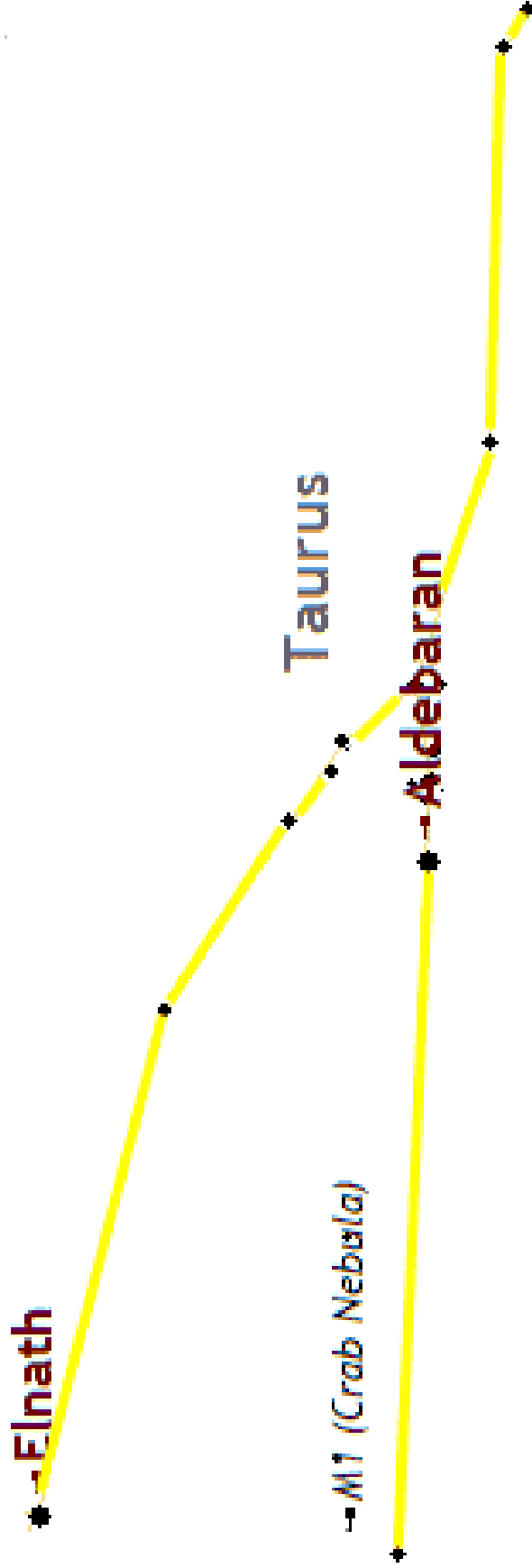


→ Elnath

→ M1 (Crab Nebula)

→ Aldebaran

Taurus



Cygnus – The Swan

