Star Internet Worksheet

**Use the website http://www.astro.wisc.edu/~dolan/constellations/constellations.html to answer the questions.

(Click on what are constellations to answer these questions1 - 5)

1. What is the real purpose of constellations?
2. How many stars can you see on a dark night?
3. Why are stars drawn in different sizes on a schematic drawing of a constellation?
4. What did farmers first use constellations for?
5. In 1929 a group of people adopted the current number of constellations. Who are they and how many constellations are there?

6. Other than the sun what is the name of the brightest star in the sky?
7. What is the apparent magnitude and absolute magnitude of Betelgeuse?
8. How many light years away is Sirius A?
9. Under the heading "Star myths of the Greek and Romans" who had constellation figures before the Greeks?

**Use the website http://www.astro.uiuc.edu/~kaler/sow/star_intro.html to answer the questions.

10. (Under the lifetime of stars) How old is the galaxy?
11. (Under White Dwarf Supernovae) When was the last observed supernova in this galaxy?
12. (Under supernova candidates) How close would a supernova have to be to Earth to damage it?
13. (Under neutron stars) How dense is a neutron star?

Click on Black hole then click on it again on the next page. You are now at a page that will take you on a virtual tour of a black hole and a neutron star. Take the tour.