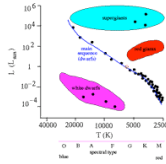


Worksheet: H-R Diagram



Name _____
Date _____
Period _____ Table _____

Use the diagram to the right to answer the following:

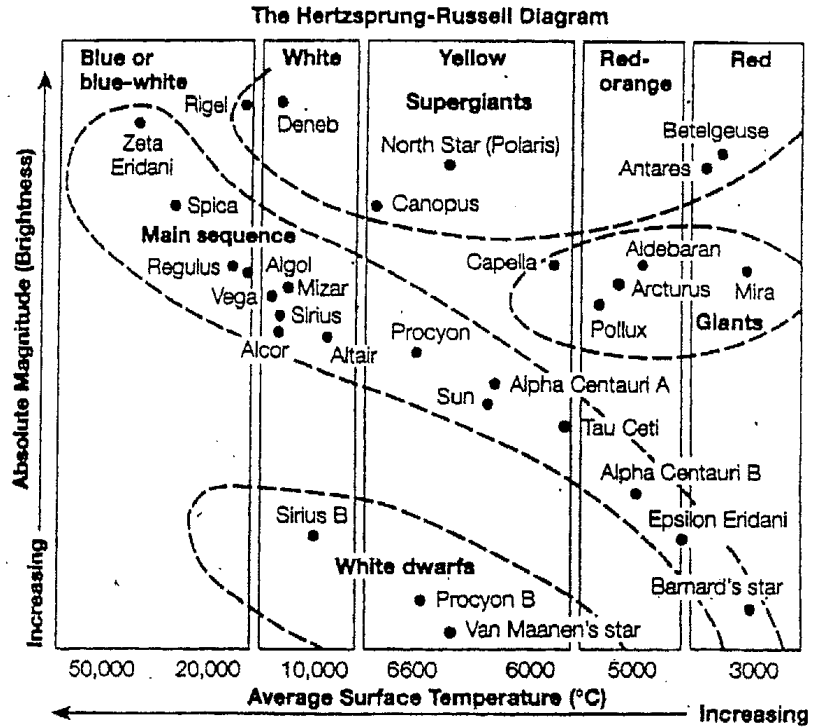
Most stars belong to this category:
_____ 1.

Which star is the brightest white dwarf?
_____ 2.

Which star is hottest supergiant?
_____ 3.

What color is Deneb?
_____ 4.

What temperature is Sirius B?
_____ 5.



- _____ 6. This star is a red **Giant**.
- _____ 7. What temperature is Bernard's Star?
- _____ 8. Which star is the dimmest (least bright) on the chart?
- _____ 9. What category is the hottest star on the chart?
- _____ 10. What color are the coolest stars?
- _____ 11. What category of stars is hot but not very luminous?
- _____ 12. If you know a stars color, you can determine it's _____.
- _____ 13a. The H-R Diagram is based on what two criteria?
- _____ 13b.

Looking at the Main Sequence category, state a relationship between these two criteria:

14. _____
