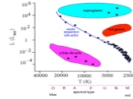


Worksheet:
H-R Diagram



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 star's color, you can determine its _____.

_____ 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. _____

