

Stars and Their Patterns

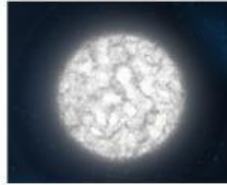


Name:

Date:

Class:

1. Organize the pictures on the timeline below based on the surface temperature of stars.



2. Use the distances of the stars to rank their brightness when viewed from Earth. Number the stars in the spaces provided from 1 (dimmiest) to 5 (brightest).

Star Name	Distance From Earth	Brightness
Barnard's Star	5.96 light-years away	
Alpha Centauri	4.37 light-years away	
The Sun	150 km away	
Sirius	8.58 light-years away	
Ross 154	9.68 light-years away	



Name:

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3. Which of the objects below are stars? Record your answer(s) on the line provided.

Jupiter



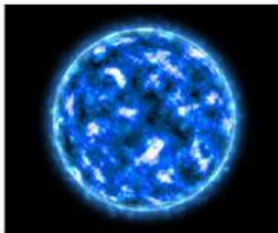
The Sun



Alpha Centauri



Blue Giant



The Earth



The Moon

