

Name _____

Date _____ Per. ____

CH. 28 REVIEW: THE SUN

Select words from the Key Terms list on p586 to match the correct definition.

1. The zone of the sun that transfers energy in the form of electromagnetic waves. _____
2. Electrically charged particles that stream out into space through holes in the corona. _____
3. The part of the sun's atmosphere considered to be the surface of the sun

4. Cool, dark areas of gas within the photosphere that are caused by powerful magnetic fields. _____
5. Includes the sun and the bodies revolving around the sun. _____
6. Small bodies of matter in the solar nebula. _____
7. Formed from the joining together of planetesimals. _____
8. The sudden, violent eruption of charged particles from the sun's surface.

9. A cloud of glowing gases that arches high above the sun's surface. _____
10. The cloud of gas and dust that developed into the solar system.

11. Bands of light in the sky produced by a magnetic storm. _____
12. The outermost layer of the sun's atmosphere. _____
13. The zone of the sun that transfers energy by movement of hot gases to the surface of the sun. _____
14. The middle layer of the sun's atmosphere, that means "color sphere".

QUESTIONS

15. What are the three basic regions of the sun? _____
_____ In which region does fusion take place? _____
16. Describe the state of matter known as plasma.
17. What elements are involved in the main fusion reaction in the sun?
18. Why does fusion produce so much energy? (use Einstein's equation)

