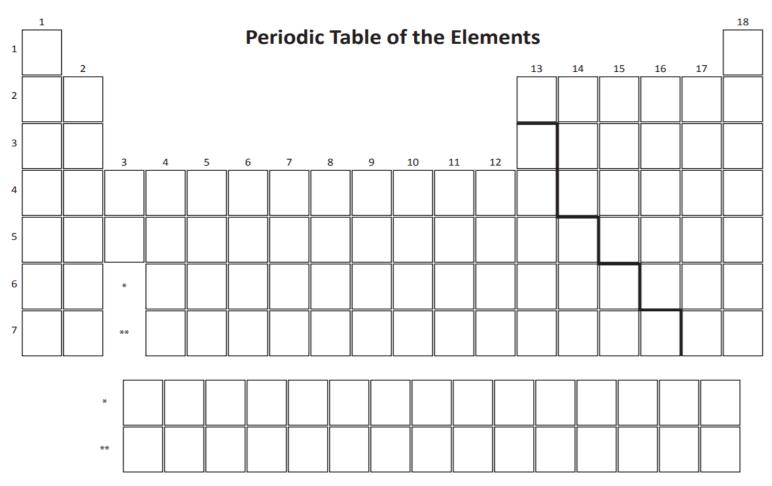
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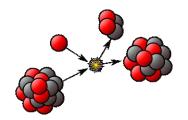
Name	Date	Period	

STARS AND THE PERIODIC TABLE

The purpose of this activity is to identify how stars and the periodic table of elements are connected. Go to classcraft and look for the stars and periodic table quest. Move through each of the tasks to complete the worksheet.

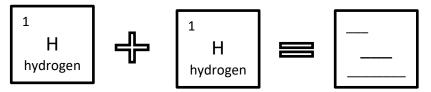


- 1. Gold comes from ______.
- 2. There is more ______ than anything else!
- 3. How did the periodic table look 14 billion years ago? Explain why.
- 4. How long after the big bang were the first atoms created?

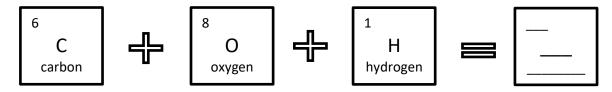


- 5. What were the first 2 elements?
- 6. All of the hydrogen and helium was drawn together into big clouds called ______.
- 7. What does fusion do to atoms?

9. Solve the fusion example below.



10. Solve the fusion example below.



11. Correctly create your own fusion example. **Remember fusion created elements 3 – 26, so be careful.

- 12. A star is going to need more _______to make an atom that has more than _____ protons.
- 13. What is the most powerful explosion in the universe?
- 14. What causes a supernova?
- 15. How are stars and the periodic table of elements connected? Explain your answers using details and complete sentences.

