**Cornell Notes Chapter 12 Section 1 Read pages 346-352 in your textbook**

**Create a T-chart on Notebook page 27 complete these questions as you read pages 346-352. You should write the question on the left side of the chart and answers across the page on the right side of the chart. ALWAYS USE COMPLETE SENTENCES IN YOUR ANSWERS. Title this page Forms of Energy.**

1. **What is energy?**
2. **When is work done?**
3. **What happens when one object does work on another?**
4. **What is kinetic energy?**
5. **What is the formula for finding kinetic energy?**
6. **Explain what the “m” and the “v” stands for in the formula?**
7. **What is potential energy?**
8. **What is elastic potential energy?**
9. **What is gravitational potential energy?**
10. **What is the formula for gravitational potential energy?**
11. **What measurement is G.P.E. expressed in?**
12. **What is mechanical energy?**
13. **Give the formula for mechanical energy.**
14. **What is thermal energy?**
15. **What two factors influence an object’s thermal energy?**
16. **Define chemical energy and give an example.**
17. **Define electrical energy and give an example.**
18. **Define sound energy and give an example.**
19. **How is light energy produced?**
20. **Explain the difference between fusion and fission in nuclear energy.**

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