**WIRED OR WIRELESS… THAT IS THE QUESTION!**

In this project, you will compare, and contrast wired networks vs wireless networks.

FILL OUT THIS SHEET USING THE WEBSITE BELOW TO DO YOUR RESEARCH

**USE THIS WEBSITE TO DO YOUR RESEARCH-**

<https://www.lifewire.com/wired-vs-wireless-networking-816352>

**When finished with your research, go back to my webpage and either do the PPT or Comic life.**

1. **TOPICS-** research the TOPICS below showing comparisons, pros and cons concerning both networks.

* Cost of- Wired vs wireless networks
* Installation- Wired vs wireless networks
* Reliability of- Wired vs wireless networks
* Performance of­: Wired vs wireless networks
* Security- - Wired vs wireless networks
* Over-all findings of­ Wired vs wireless networks

FILL IN THE PAGES BELOW BEFORE STARTING YOUR POWERPOINT OR COMIC LIFE.

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Fill in the following to help you complete the categories.

**COST OF EACH NETWORK**

***PRICES AND OFFSETS***

**WIRED-**

**1-**

**2-**

**3-**

**WIRELESS-**

**1-**

**2-**

**3-**

**SUMMARIZE FOR THE TOPIC OF INSTALLATION- Answer this question-“Which network may cost more and WHY?” Be specific and detailed. You should be able to answer the question verbally if I asked you. Do in your own writing- no copy and paste on this answer.**

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Fill in the following to help you complete the categories.

**INSTALLATION OF EACH NETWORK**

***CONSIDERATIONS OF EACH***

**WIRED-**

**WIRELESS-**

**SUMMARIZE FOR THE TOPIC OF INSTALLATION- Answer this question- “Why is a wired network more time-consuming to set up?” Answer below this paragraph. Do in your own writing- no copy and paste on this answer.**

Fill in the following to help you complete the categories.

**RELIABILITY OF EACH NETWORK**

***CONSIDERATIONS OF EACH***

**WIRED-**

**WIRELESS-**

**SUMMARIZE FOR THE TOPIC OF RELIABILITY**- ANSWER THIS QUESTION- When installing wireless LANS, you must be careful where to install it in your house. WHY? What could cause major signal interference? **Be specific and detailed. You should be able to answer the question verbally if I asked you. Answer below this paragraph. Do in your own writing- no copy and paste on this answer.**

Fill in the following to help you complete the categories.

**PERFORMANCE OF EACH NETWORK**

**SPEED IS NOTABLE**

**WIRED-**

**WIRELESS-**

**SUMMARIZE FOR THE TOPIC OF RELIABILITY**- ANSWER THIS QUESTION- Wired LANS offer superior performance. On a wireless network, there are at least 2 reasons performance ‘degrades’ in your house. What are they? **Be specific and detailed. You should be able to answer the question verbally if I asked you. Answer below this paragraph. Do in your own writing- no copy and paste on this answer.**

Fill in the following to help you complete the categories.

**SECURITY OF EACH NETWORK**

**WIRED**

**WIRELESS**

**SUMMARIZE FOR THE TOPIC OF SECURITY**- ANSWER THIS QUESTION- “Which one offers the best security from hackers **AND WHY?” Be specific and detailed. You should be able to answer the question verbally if I asked you. Do in your own writing- no copy and paste on this answer.**

SUMMARIZE YOUR FINDINGS--**FINAL VERDICT**- of­ Wired vs wireless networks-- **Be specific and detailed. You should be able to answer the question verbally if I asked you.**