



**Fishing Line
Experiment
By: Jase**

Question

**What fishing line is
the strongest?**

Hypothesis

I think Suffix 832 will be the strongest because it states that it is the strongest line with a small diameter and it is the most expensive.

Materials

1. Sufix 832-10 lbs braid
2. Spiderwire-10 lbs braid
3. Berkley-10 lbs braid
4. 13 lbs weights
5. 10 lbs weights
6. 9 lbs weights
7. 8 lbs weights
8. Carabiner string 1 ft
9. Bracket with 2 screws



Procedure

Step 1 Cut string to attach weights with carabiner to fishing line

Step 2 Attach bracket to workbench to hang line from

Step 3 Cut a 1 foot piece of all 3 fishing lines

Step 4 Hang fishing line on bracket

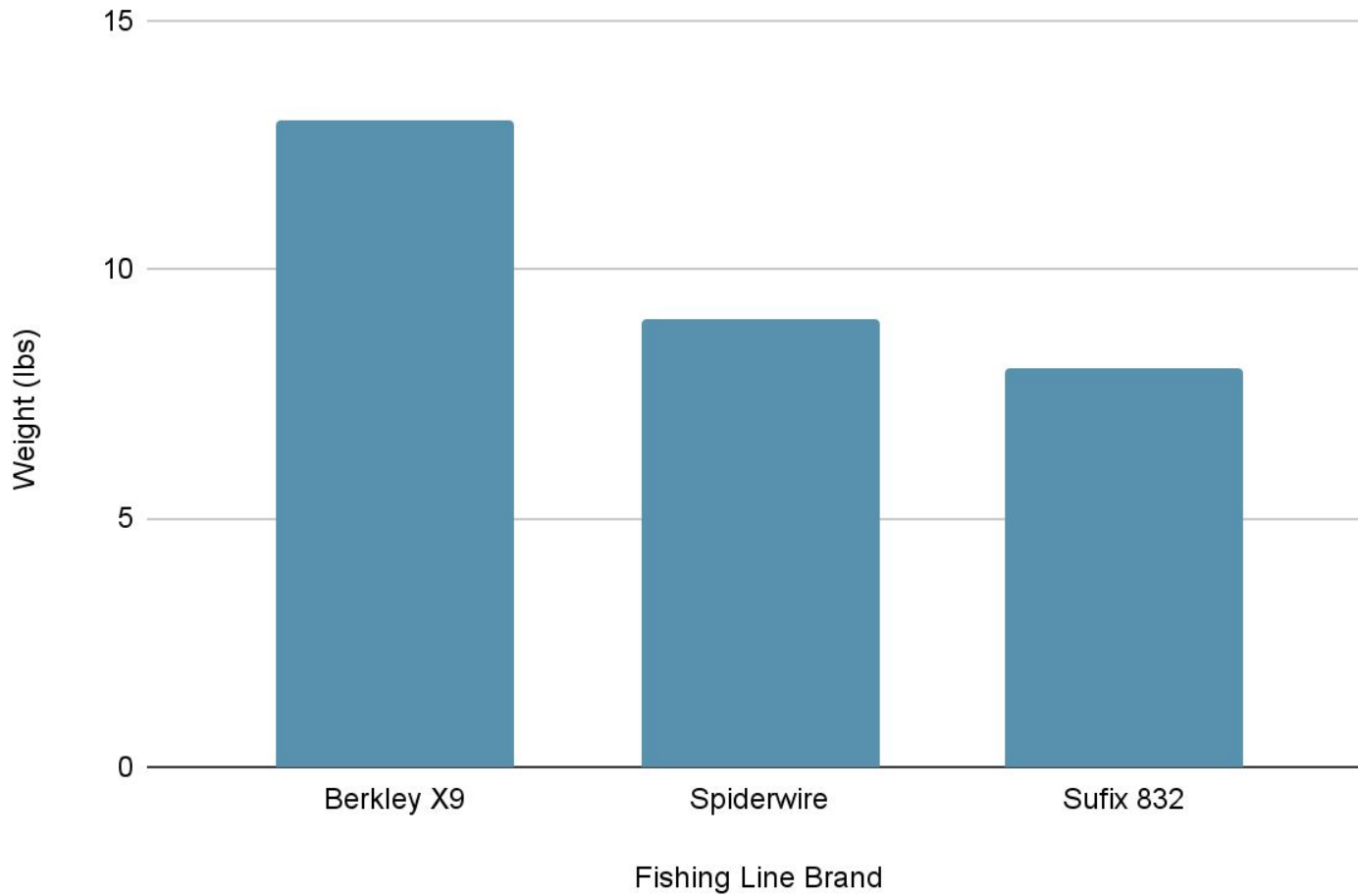
Step 5 Hang ten pound weight until each broke

Step 6 Hang nine pound weight until each broke

Step 7 Hang eight pound weight until each broke

Step 8 Hang additional 13 pound weight on all 3 lines until each broke

Fishing Line Experiment



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Research

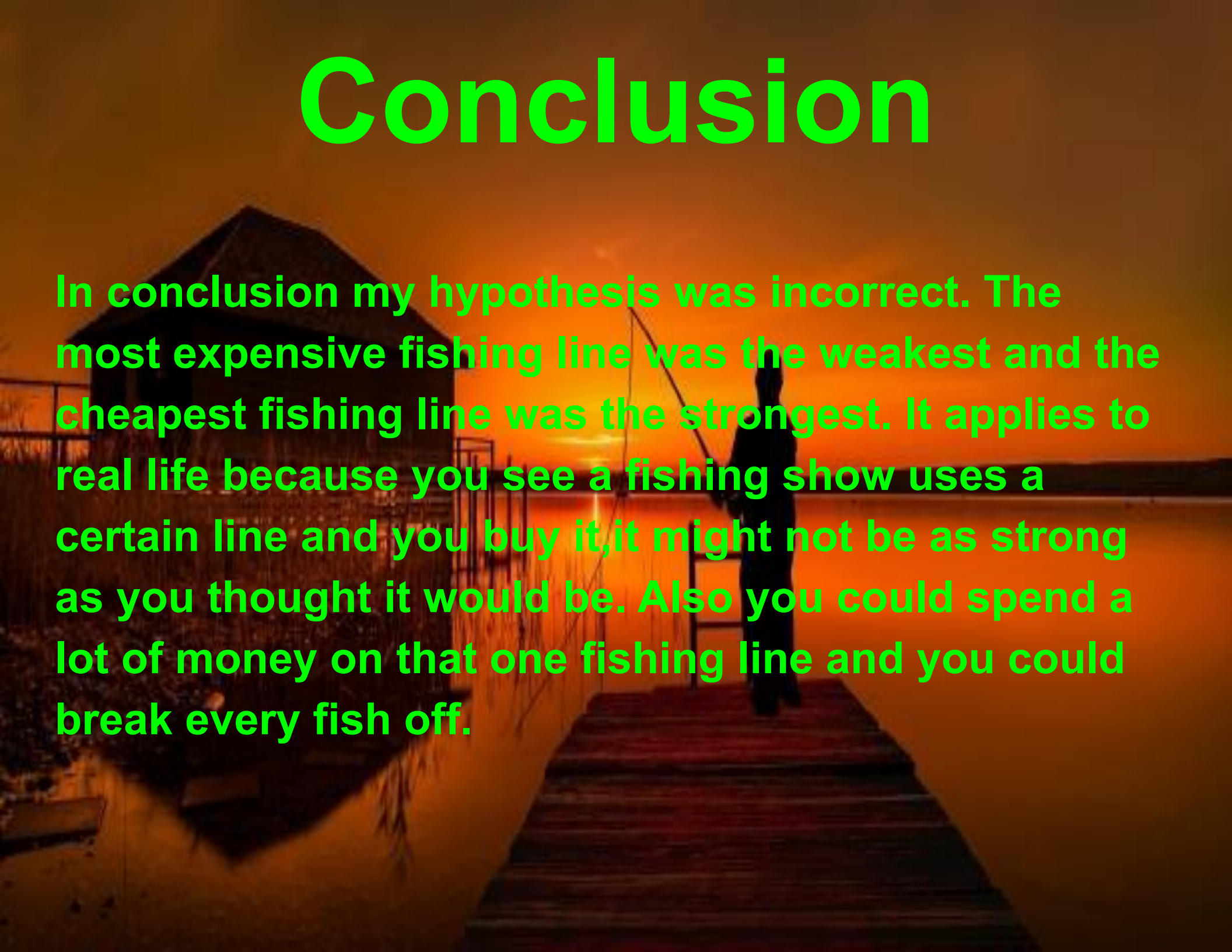
[Berkley.com](#)- Berkley X9 is very strong and thin option

[Spiderwire.com](#)- Spiderwire Stealth Braid excels in abrasion resistance

[Sufix.com](#)- Sufix 832 is the strongest with a small diameter

Conclusion

In conclusion my hypothesis was incorrect. The most expensive fishing line was the weakest and the cheapest fishing line was the strongest. It applies to real life because you see a fishing show uses a certain line and you buy it, it might not be as strong as you thought it would be. Also you could spend a lot of money on that one fishing line and you could break every fish off.

A person is silhouetted against a bright orange sunset sky, standing on a wooden pier and holding a fishing rod. The pier extends into a body of water, and a building is visible on the left side of the frame.

Results

Berkley X9 came in first with holding 13 pounds then Spiderwire came in second with holding 9 pounds and Sufix came in last with only holding 8 pounds. All questions answered, no additional questions needed.